

**UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF NORTH CAROLINA**

SHAUNA WILLIAMS, et al.,

Plaintiffs,

v.

REPRESENTATIVE DESTIN HALL, in his
official capacity as Chair of the House Standing
Committee on Redistricting, et al.,

Defendants.

Civil Action No. 23 CV 1057

NORTH CAROLINA STATE CONFERENCE OF
THE NAACP, et al.,

Plaintiffs,

v.

PHILIP BERGER, in his official capacity as the
President Pro Tempore of the North Carolina
Senate, et al.,

Defendants.

Civil Action No. 23 CV 1104

EXPERT REPORT OF ANTHONY E. FAIRFAX

On the 2025 Congressional Districts for the State of North Carolina

October 31, 2025

1. I have been retained by counsel representing the Plaintiffs in this lawsuit to analyze and compare the changes made in North Carolina's congressional districts from the 2023 enacted plan (S.L. 2023-145) by Senate Bill 249 (S.L. 2025-95).
2. I have provided several expert reports in this matter that I understand were admitted as evidence at trial, including an October 2024 Corrected Expert Report and appendices (NAACPPX 182-88), October 2024 Reply Report (NAACPPX 200), and March 2025 Supplemental Rebuttal Report (NAACPPX 216).
3. My qualifications are outlined in my prior expert reports submitted in this matter. *See* NAACPPX 182 ¶¶ 2-9. An updated version of my Resume is provided as Appendix E to this Supplemental Report.
4. To perform the analysis in this matter, I used the same Maptitude for Redistricting software that I utilized in my prior reports. *See* NAACPPX 182 ¶ 10. I utilized the following datasets for my analysis:
 - a. Block Equivalency Files for the 2023 (SL 2023-145) North Carolina Congressional plan and for the 2025 plan resulting from modifications made in Senate Bill 249 (SL 2025-95) were downloaded from the North Carolina redistricting website.¹
 - b. The 2020 Census data for the total and voting age population ("VAP") were obtained from Caliper Corporation's datasets for the state of North Carolina.²
5. I utilized the same analytical methods as applied in my prior reports. *See* NAACPPX 182 ¶¶ 13-25. Specifically, after gathering relevant datasets, I did the following:
 - a. In order to generate the comparison map, using Maptitude, the block equivalency files for the 2023 and 2025 district boundaries were joined with the census block geography. Once joined, the census blocks that changed districts from the 2023 to the 2025 plan were indicated in a new field using the district number to which they changed. Maptitude's merged layer function was deployed to generate only the parts of the districts that had changed. Finally, a color thematic map was created using the newly merged layer, showing only the two areas altered in red and blue (see Figure 1).

¹ <https://www.ncleg.gov/BillLookup/2023/S757> (2023 Congressional Plan); <https://www.ncleg.gov/BillLookup/2025/S249> (S.L. 2025-95).

² Caliper Corporation provides 2020 Census Data (PL94-171 data) in a format readable for their software, Maptitude for Redistricting. The population data are identical to the data provided by the Census Bureau.

- b. As in my prior reports, I used the category of “Any Part” Black³ throughout parts of this report for Black Total and Voting Age Populations. *See* NAACPPX 182 ¶ 15.
6. Changes made by Senate Bill 249 (SL 2025-95). Using Maptitude, I identified the areas added and removed from Congressional Districts 1 and 3 (CD 1 & CD 3) by Senate Bill 249, and confirmed no changes were made to any other districts. Figure 1 below shows the areas added to and removed from Congressional Districts 1 and 3. The blue color represents the area added to CD 1, while the red area depicts the area removed from CD 1.

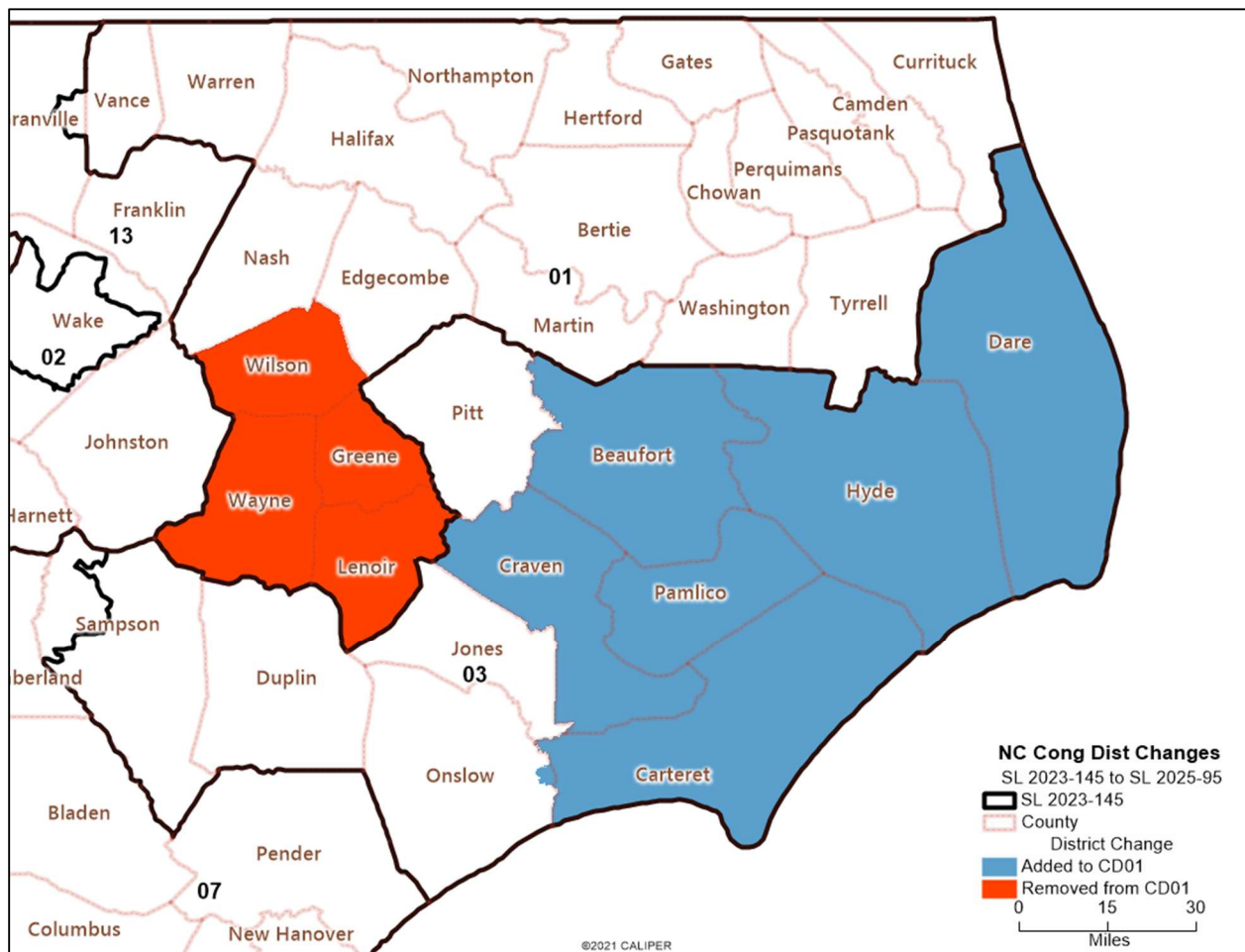


Figure 1 – NC CD1 Changes from 2023 to 2025

³ The “Any Part” or “All Parts” Black includes surveyed persons who select Black Alone and Black and in combination with any race. Also, included within “Any Parts” Black are Hispanic Black persons as well.

7. Demographic Profile of Congressional Districts 1 and 3 in the 2023 and 2025 configurations: I analyzed the major racial demographics of CD 1 and CD 3 in the 2023 and 2025 configurations. These are outlined in the tables below:

Table 1 - Racial Demographics North Carolina's 2023 CD 1

TTLPop	White	% White	APBlack	% APBlack
745,670	358,722	48.11%	309,743	41.54%
VAP	WVAP	% WVAP	ABBVAP	% APBVAP
587,318	297,776	50.70%	237,420	40.42%

Source: U.S. Census Bureau 2020 Census Data.

Table 2 - Racial Demographics North Carolina's 2023 CD 3

TTLPop	White	% White	APBlack	% APBlack
745,671	463,854	62.21%	169,697	22.76%
VAP	WVAP	% WVAP	ABBVAP	% APBVAP
586,125	382,633	65.28%	125,120	21.35%

Source: U.S. Census Bureau 2020 Census Data.

Table 3 - Racial Demographics North Carolina's 2025 CD 1

TTLPop	White	% White	APBlack	% APBlack
745,671	426,065	57.14%	251,298	33.70%
VAP	WVAP	% WVAP	ABBVAP	% APBVAP
596,783	356,476	59.73%	192,997	32.34%

Source: U.S. Census Bureau 2020 Census Data.

Table 4 - Racial Demographics North Carolina's 2025 CD 3

TTLPop	White	% White	APBlack	% APBlack
745,670	396,511	53.18%	228,142	30.60%
VAP	WVAP	% WVAP	ABBVAP	% APBVAP
576,660	323,933	56.17%	169,543	29.40%

Source: U.S. Census Bureau 2020 Census Data.

8. The demographic changes resulting from Senate Bill 249 were accomplished by removing counties with relatively high Black Voting Age Population (APBVAP) from Congressional District 1 (as low as 31.83% APBVAP) and adding, in their place, counties with relatively low Black Voting Age Population (as low as 2.32% APBVAP). Below is a table of the APBVAP% for counties added and removed from Congressional District 1. Appendix D includes a complete list of the APBVAP% for all counties in North Carolina.

Table 5 - %APBVAP Counties Added to and Removed from CD-1

Counties removed from 2025 CD-1		Counties added to 2025 CD-1	
County	%APBVAP	County	%APBVAP
Wayne	31.83%	Dare	2.32%
Greene	37.28%	Onslow (partial)*	4.47%
Wilson	39.14%	Carteret	5.40%
Lenoir	40.47%	Pamlico	18.10%
		Craven	20.88%
		Beaufort	23.01%
		Hyde	28.35%

Source: U.S. Census Bureau 2020 Census Data.

*This tables include the %APBVAP for the areas of Onslow included in 2025 CD-1.

9. Additional Traditional Redistricting Criteria. I was asked to analyze additional metrics of the 2025 Congressional Districts 1 and 3 relevant to those factors listed on the “2025 Congressional Plan Criteria,” sourced from the North Carolina General Assembly’s website at <https://webservices.ncleg.gov/ViewDocSiteFile/101156>.⁴ These include Equal Population for the purposes of one-person, one-vote requirements, Compactness, Contiguity, and Respect for Existing Political Subdivisions, including counties, VTDs, and municipal boundaries.
10. I compared the 2025 Congressional Plan Criteria with those used in 2023 (and I understand admitted as JX038 at trial). I note the following substantive differences in criteria:
 - a. The 2025 criteria adds the following language to the criterion addressing “Political Considerations”: *“The principal legislative objective in the 2025 Congressional Plan is to increase the Republican vote share of Congressional District 1 to outperform the same district in the 2023 Congressional plan codified as Senate Bill 757 on October 25, 2023. In doing so, only the boundaries of Congressional District 1 and Congressional 3 will be altered.”*⁵
 - b. The 2025 criteria added a criterion that “The 2025 Congressional Plan will comply with all applicable federal law.”
 - c. The 2025 omits the 2023 criterion regarding “Incumbent Residence” and states that it “may be considered in the formation of Congressional districts.”

⁴ I understand from counsel this document was included as Klein Ex. 9 in support of their Motion for a Preliminary Injunction.

⁵ I understand from counsel that this criterion, and specifically a performance analysis, was conducted by Dr. Kassra Oskooii, and so I have not addressed it here.

- d. The 2025 criteria addressing “Equal Population,” “Traditional Districting Principles,” “Compactness,” “Contiguity,” and “Respect for Existing Political Subdivisions” are the same as in 2023. The 2025 criterion addressing “Racial Data” appears substantively the same as in 2023, adding in additional court case citations.

11. The tables below summarize this information, and I have included the underlying Maptitude reports as Appendices C (2023 and 2025 districts).

- a. Equal Population. Point III of the 2025 Congressional Plan Criteria provides:

Equal Population. The Committee chairs will use the 2020 federal decennial census data as the sole basis of population for the establishment of districts in the 2025 Congressional Plan. The number of persons in each congressional district shall be equal as nearly as is practicable, as determined under the most recent federal decennial census. Wesberry v. Sanders, 376 U.S. 1 (1964).

Accordingly, below I have included the total population and deviation⁶ figures from the 2020 decennial census, as shown in the field below:

Table 6 – NC CD-1 and CD-3, 2023 & 2025 Population & Deviation

District	Total Population	Deviation
2023 CD-1	745,670	-1
2025 CD-1	745,671	0
2023 CD-3	745,671	0
2025 CD-3	745,670	-1

Source: U.S. Census Bureau 2020 Census Data

- b. Both of the 2025 districts differ by 1 person from their 2023 configurations in total population (see Appendix B & C). All districts meet the criteria of strict equality required for congressional districts.

⁶ The 2020 ideal population size for congressional districts for North Carolina is 745,671.

- c. Compactness. Point VI of the 2025 Congressional Plan Criteria provides:

Compactness. The Committee chairs shall make reasonable efforts to draw districts in the 2025 Congressional Plan that are compact.

Below is a table of the standard measures of compactness, Reock and Polsby-Popper, for the 2023 and 2025 districts:

Table 7 – NC CD-1 and CD-3, 2023 & 2025 Compactness

District	Reock	Polsby-Popper
2023 CD-1	0.42	0.27
2025 CD-1	0.49	0.33
2023 CD-3	0.37	0.25
2025 CD-3	0.60	0.26

Source: Maptitude Compactness reports for the NC 2023 and 2025 CDs 1 and 3

- d. Overall, the 2025 districts score higher on both compactness measures than the 2023 districts (see Appendix B & C).

- e. Contiguity. Point VII of the 2025 Congressional Plan Criteria provides:

Contiguity. Congressional districts shall be comprised of contiguous territory. Contiguity by water is sufficient.

Congressional Districts 1 and 3 are fully contiguous in both the 2023 and 2025 configurations (see Appendix B & C).

- f. Existing Political Subdivisions. Point VIII of the 2025 Congressional Plan Criteria provides:

Respect for Existing Political Subdivisions. County lines, VTDs and municipal boundaries may be considered when possible in forming districts that do not split these existing political subdivisions.

Table 8 – NC 2023 & 2025 County/VTD/Municipal Splits

District	No. Counties Split	VTDs	Municipal Splits⁷ (municipalities split / total splits)
2023 Districts	11	20	48/103
2025 Districts	12	21	49/105

Source: Maptitude County Split & Community of Interest (COI) reports for the NC CD 2023 and 2025 district configuration.

The 2025 districts overall split one more county, VTD, and municipality. There are two more splits within municipalities than in the 2023 Congressional Plan.

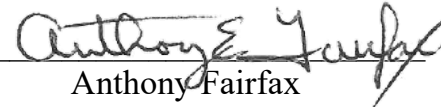
- g. Overall, the 2025 amendments in S.B. 249 perform as follows compared to the 2023 district configurations:
- The 2025 districts perform equally on Equal Population and contiguity.
 - The 2025 districts modestly increase compactness. Both the 2023 and 2025 districts are consistent with the criterion to make “reasonable efforts” to form compact districts.
 - The 2025 districts slightly increase county, VTD, and municipal splits, which perform worse on the criterion addressing “Existing Political Subdivisions” and the guidance that these metrics may be considered “when possible” to “not split these existing political subdivisions.”

⁷ I determined municipal splits by extracting the cities, towns, and villages from the Census Places layer provided by Caliper and running Maptitude’s Communities of Interest report function. The first number I report is what the General Assembly labels the “Municipality – District” Report, which reports the total number of municipalities that are split by district lines throughout the plans. The second number I report, which is not included in the General Assembly Statpacks, is the number of total times any municipality is split throughout the plans (thus counting a single municipality that is split more than one way as more than one split). I have confirmed that these municipal splits are consistent with those reported by the North Carolina General Assembly in their Statpacks, provided to by my counsel as JX081 (2023 Congressional Plan / Senate Bill 757 Statpack) and Klein Ex. 19 (2025 / Senate Bill 249 Statpack).

12. Overall, the changes to CDs 1 and 3 in Senate Bill 249 are not substantially different in plan performance for the criteria I analyzed, and do not show that the traditional redistricting criteria were improved under the 2025 configurations.
13. Incumbency Analysis: I conducted an incumbency analysis of 2025 CDs 1 and 3 using a document provided by counsel, JX056 (2023 Congressional Member Resident Address List). The only incumbent who changed from one district to another was Rep. Don Davis. Rep. Davis shifts from CD 1 to CD 3. He is now paired with Rep. Gregory Murphy in 2025 CD 3.
14. The findings and conclusions in this Report are based upon information that has been made available to me or known by me to date. My work in this matter is ongoing, and I reserve the right to modify, update, or supplement my analyses, findings, and any conclusions as additional information is made available to me or as I perform further analysis.

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury of the laws of the United States that the foregoing is true and correct according to the best of my knowledge, information, and belief.

Dated: October, 31, 2025

Signed: 
Anthony Fairfax

Appendices

Appendix A - SL 2023-145/SL 2023-145 Plans Map Changes

Appendix B – SL 2025-95 Plan Maptitude Reports

Appendix C – SL 2023-145 Plan Maptitude Reports

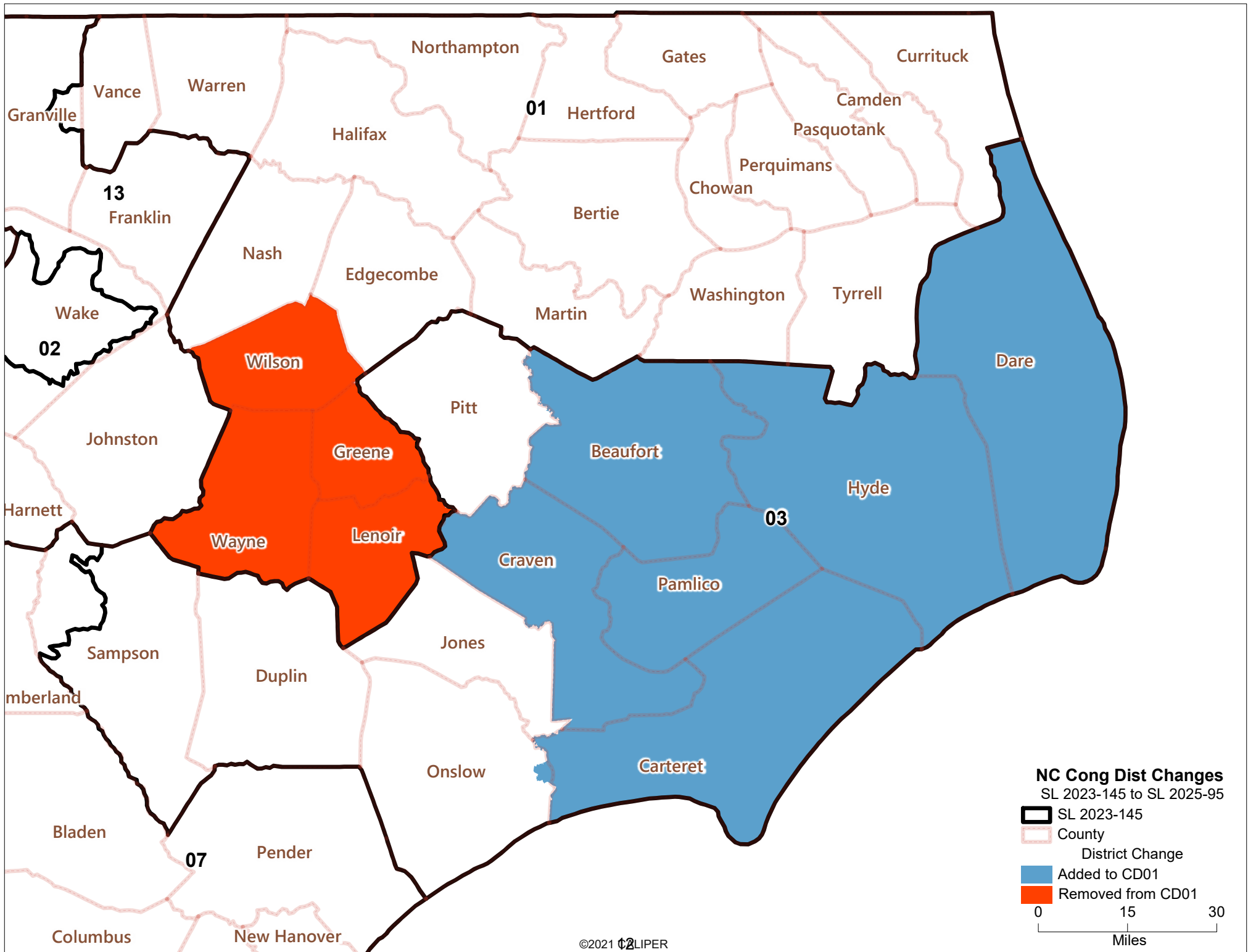
Appendix D – NC County’s BVAP and %

Appendix E – Anthony E. Fairfax Resume

Appendix A

SL 2023-145/SL 2023-145 Plans Map Changes

SL 2023-145/SL 2025-95 Plan Districts 1 & 3 Changes Zoom Map



Appendix B

SL 2025-95 Plan Data Reports

Total Population #s & %s SL 2025-95 Plan Report
Voting Age Population #s & %s SL 2025-95 Plan Report
Citizen Voting Age Population #s & %s SL 2025-95 Plan Report
Contiguity SL 2025-95 Plan Report
Compactness SL 2025-95 Plan Report
County - VTD SL 2025-95 Plan Split Report
Census Places SL 2025-95 Plan Split Report
County List SL 2025-95 Plan Report
Census Place List SL 2025-95 Plan Report
SL 2025-95 Plan Core Constituency Report

User: Tony Fairfax

Plan Name: NC CD SL 2025-95

Plan Type: NC Cong Districts

Population Summary

Tuesday, October 28, 2025

5:44 PM

District	Population	Deviation	% Devn.	[Hispanic Origin]	NH_Wht	NH_Ind	NH_Asn	AP_Bl
01	745,671	0	0.00%	42,659	426,065	5,046	7,237	251,298
02	745,670	-1	0.00%	96,435	400,547	1,930	43,558	188,408
03	745,670	-1	0.00%	92,928	396,511	3,324	10,685	228,142
04	745,671	0	0.00%	85,915	395,824	1,603	80,376	162,837
05	745,671	0	0.00%	59,024	507,354	1,984	16,509	146,858
06	745,671	0	0.00%	80,826	466,399	2,411	26,904	153,914
07	745,671	0	0.00%	61,609	478,702	16,564	9,508	160,874
08	745,671	0	0.00%	69,986	453,271	40,891	26,504	137,312
09	745,671	0	0.00%	94,277	437,637	7,450	14,240	177,432
10	745,670	-1	0.00%	84,946	493,055	1,773	19,390	130,655
11	745,670	-1	0.00%	57,087	613,832	10,853	6,744	33,066
12	745,670	-1	0.00%	131,029	267,498	2,001	42,199	295,073
13	745,670	-1	0.00%	97,421	470,899	3,191	8,025	149,850
14	745,671	0	0.00%	64,454	504,554	1,865	28,180	128,834

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2025-95

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

User: Tony Fairfax

Plan Name: NC CD SL 2025-95

Plan Type: NC Cong Districts

Population Summary

Tuesday, October 28, 2025

5:50 PM

District	Population	Deviation	% Devn.	[% Hispanic Origin]	[% NH_Wht]	[% NH_Ind]	[% NH_Asn]	[% AP_Blkl]
01	745,671	0	0.00%	5.72%	57.14%	0.68%	0.97%	33.7%
02	745,670	-1	0.00%	12.93%	53.72%	0.26%	5.84%	25.27%
03	745,670	-1	0.00%	12.46%	53.18%	0.45%	1.43%	30.6%
04	745,671	0	0.00%	11.52%	53.08%	0.21%	10.78%	21.84%
05	745,671	0	0.00%	7.92%	68.04%	0.27%	2.21%	19.69%
06	745,671	0	0.00%	10.84%	62.55%	0.32%	3.61%	20.64%
07	745,671	0	0.00%	8.26%	64.2%	2.22%	1.28%	21.57%
08	745,671	0	0.00%	9.39%	60.79%	5.48%	3.55%	18.41%
09	745,671	0	0.00%	12.64%	58.69%	1%	1.91%	23.79%
10	745,670	-1	0.00%	11.39%	66.12%	0.24%	2.6%	17.52%
11	745,670	-1	0.00%	7.66%	82.32%	1.46%	0.9%	4.43%
12	745,670	-1	0.00%	17.57%	35.87%	0.27%	5.66%	39.57%
13	745,670	-1	0.00%	13.06%	63.15%	0.43%	1.08%	20.1%
14	745,671	0	0.00%	8.64%	67.66%	0.25%	3.78%	17.28%

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2025-95

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

User: Tony Fairfax

Plan Name: NC CD SL 2025-95

Plan Type: NC Cong Districts

Population Summary

Tuesday, October 28, 2025

5:51 PM

District	Population	Deviation	% Devn.	[18+_Pop]	[H18+_Pop]	[NH18+_Wht]	[NH18+_Ind]	[NH18+_Asn]	[18+_AP_Blk]
01	745,671	0	0.00%	596,783	27,614	356,476	4,112	5,526	192,997
02	745,670	-1	0.00%	584,067	64,157	332,722	1,532	34,810	140,209
03	745,670	-1	0.00%	576,660	60,800	323,933	2,629	8,891	169,543
04	745,671	0	0.00%	574,606	56,330	320,577	1,250	59,465	124,857
05	745,671	0	0.00%	596,194	38,431	421,313	1,625	12,366	111,648
06	745,671	0	0.00%	578,293	51,069	382,738	1,992	19,452	111,667
07	745,671	0	0.00%	593,673	39,354	400,999	12,778	7,627	119,140
08	745,671	0	0.00%	563,332	44,048	358,376	30,715	18,535	99,678
09	745,671	0	0.00%	577,673	60,786	359,252	5,823	11,384	129,182
10	745,670	-1	0.00%	581,822	53,640	404,468	1,420	14,229	96,473
11	745,670	-1	0.00%	609,924	37,835	516,985	7,823	5,464	23,682
12	745,670	-1	0.00%	580,319	87,967	229,032	1,585	32,974	222,293
13	745,670	-1	0.00%	562,248	60,116	372,444	2,512	6,313	109,385
14	745,671	0	0.00%	579,505	42,164	410,318	1,539	20,566	92,298

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2025-95

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

User: Tony Fairfax

Plan Name: NC CD SL 2025-95

Plan Type: NC Cong Districts

Population Summary

Tuesday, October 28, 2025

5:52 PM

District	Population	Deviation	% Devn.	[18+_Pop]	[% H18+_Pop]	[% NH18+_Wht]	[% NH18+_Ind]	[% NH18+_Asn]	[% 18+_AP_Blkl]
01	745,671	0	0.00%	596,783	4.63%	59.73%	0.69%	0.93%	32.34%
02	745,670	-1	0.00%	584,067	10.98%	56.97%	0.26%	5.96%	24.01%
03	745,670	-1	0.00%	576,660	10.54%	56.17%	0.46%	1.54%	29.4%
04	745,671	0	0.00%	574,606	9.8%	55.79%	0.22%	10.35%	21.73%
05	745,671	0	0.00%	596,194	6.45%	70.67%	0.27%	2.07%	18.73%
06	745,671	0	0.00%	578,293	8.83%	66.18%	0.34%	3.36%	19.31%
07	745,671	0	0.00%	593,673	6.63%	67.55%	2.15%	1.28%	20.07%
08	745,671	0	0.00%	563,332	7.82%	63.62%	5.45%	3.29%	17.69%
09	745,671	0	0.00%	577,673	10.52%	62.19%	1.01%	1.97%	22.36%
10	745,670	-1	0.00%	581,822	9.22%	69.52%	0.24%	2.45%	16.58%
11	745,670	-1	0.00%	609,924	6.2%	84.76%	1.28%	0.9%	3.88%
12	745,670	-1	0.00%	580,319	15.16%	39.47%	0.27%	5.68%	38.31%
13	745,670	-1	0.00%	562,248	10.69%	66.24%	0.45%	1.12%	19.45%
14	745,671	0	0.00%	579,505	7.28%	70.8%	0.27%	3.55%	15.93%

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2025-95

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

Contiguity Report

Wednesday, October 29, 2025

8:48 PM

District	Number of Distinct Areas
01	1
02	1
03	1
04	1
05	1
06	1
07	1
08	1
09	1
10	1
11	1
12	1
13	1
14	1

Measures of Compactness Report

Wednesday, October 29, 2025

8:58 PM

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.28	0.14
Max	0.60	0.33
Mean	0.42	0.25
Std. Dev.	0.11	0.05

District	Reock	Polsby-Popper
01	0.49	0.33
02	0.49	0.27
03	0.60	0.26
04	0.45	0.25
05	0.30	0.23
06	0.41	0.29
07	0.50	0.28
08	0.35	0.27
09	0.38	0.16
10	0.28	0.28
11	0.30	0.27

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.28	0.14
Max	0.60	0.33
Mean	0.42	0.25
Std. Dev.	0.11	0.05
District	Reock	Polsby-Popper
12	0.59	0.28
13	0.38	0.14
14	0.32	0.17

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.

Political Subdivision Splits Between Districts

Wednesday, October 29, 2025

8:56 PM

Number of subdivisions not split:

County	88
Voting District	2,645

Number of subdivisions split into more than one district:

County	12
Voting District	21

Number of splits involving no population:

County	0
Voting District	0

Split Counts

County

Cases where an area is split among 2 Districts: 9

Cases where an area is split among 3 Districts: 3

Voting District

Cases where an area is split among 2 Districts: 21

County	Voting District	District	Population
<i>Split Counties:</i>			
Cabarrus NC		06	101,258
Cabarrus NC		08	124,546
Chatham NC		04	40,640
Chatham NC		09	35,645
Cumberland NC		07	191,667
Cumberland NC		09	143,061
Forsyth NC		06	108,247
Forsyth NC		10	274,343
Granville NC		01	10,818
Granville NC		13	50,174
Guilford NC		05	264,080
Guilford NC		06	177,649
Guilford NC		09	99,570
Mecklenburg NC		08	117,166
Mecklenburg NC		12	745,670
Mecklenburg NC		14	252,646
Onslow NC		01	4,853
Onslow NC		03	199,723
Polk NC		11	5,779
Polk NC		14	13,549
Robeson NC		07	38,268
Robeson NC		08	78,262
Sampson NC		03	46,127

Political Subdivision Splits Between Districts

NC CD SL 2025-95

County	Voting District	District	Population
Sampson NC		07	12,909
Wake NC		02	745,670
Wake NC		04	231,502
Wake NC		13	152,238
<i>Split VTDs:</i>			
Cabarrus NC	12-13	06	7,807
Cabarrus NC	12-13	08	199
Chatham NC	EAST WILLIAMS	04	1,496
Chatham NC	EAST WILLIAMS	09	3,670
Cumberland NC	CROSS CREEK 14	07	81
Cumberland NC	CROSS CREEK 14	09	4,129
Forsyth NC	WALKERTOWN LIBRARY	06	466
Forsyth NC	WALKERTOWN LIBRARY	10	4,161
Granville NC	00SALM	01	1,252
Granville NC	00SALM	13	1,118
Guilford NC	JEF2	05	1,034
Guilford NC	JEF2	09	3,768
Guilford NC	NDRI	05	1,658
Guilford NC	NDRI	06	2,323
Mecklenburg NC	103	08	3,454
Mecklenburg NC	103	12	854
Mecklenburg NC	121	08	1,071
Mecklenburg NC	121	14	4,030
Mecklenburg NC	217	08	869
Mecklenburg NC	217	12	3,619
Mecklenburg NC	232	08	567
Mecklenburg NC	232	14	6,741
Onslow NC	SWANSBORO	01	4,853
Onslow NC	SWANSBORO	03	2,597
Polk NC	WHITE OAK	11	1,850
Polk NC	WHITE OAK	14	452
Robeson NC	PHILADELPHUS	07	462
Robeson NC	PHILADELPHUS	08	1,761
Sampson NC	PLAINVIEW	03	744
Sampson NC	PLAINVIEW	07	3,197
Wake NC	04-10	02	1,273
Wake NC	04-10	04	2,691
Wake NC	09-02	02	5,777
Wake NC	09-02	13	647
Wake NC	10-03	02	4,537
Wake NC	10-03	13	154
Wake NC	10-04	02	11,667
Wake NC	10-04	13	1,171
Wake NC	16-01	02	4,020
Wake NC	16-01	13	1,364
Wake NC	16-09	02	5,059
Wake NC	16-09	13	1,648

User: Tony Fairfax

Plan Name: NC CD SL 2025-95

Plan Type: NC Cong Districts

Communities of Interest (Landscape, 11x8.5)

Thursday, October 30, 2025

11:26 AM

City/Town	District	Population	%
Archdale City	06	130	1.1
Archdale City	09	11,777	98.9
Beech Mountain Town	05	613	90.8
Beech Mountain Town	11	62	9.2
Candor Town	08	813	100.0
Candor Town	09	0	0.0
Cary Town	02	84,668	48.5
Cary Town	04	83,005	47.5
Cary Town	09	3,271	1.9
Cary Town	13	3,777	2.2
Charlotte City	08	63,098	7.2
Charlotte City	12	709,319	81.1
Charlotte City	14	102,162	11.7
Clemmons Village	06	13,930	65.8
Clemmons Village	10	7,233	34.2
Columbus Town	11	0	0.0
Columbus Town	14	1,060	100.0
Concord City	06	47,474	45.1
Concord City	08	57,766	54.9
Davidson Town	10	378	2.5
Davidson Town	14	14,728	97.5

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

City/Town	District	Population	%
Durham City	02	269	0.1
Durham City	04	283,237	99.9
Elm City Town	01	0	0.0
Elm City Town	03	1,218	100.0
Fayetteville City	07	79,356	38.1
Fayetteville City	09	129,145	61.9
Fuquay-Varina Town	04	12,393	36.3
Fuquay-Varina Town	13	21,759	63.7
Garner Town	02	27,258	87.5
Garner Town	13	3,901	12.5
Greensboro City	05	224,189	75.0
Greensboro City	06	63,407	21.2
Greensboro City	09	11,439	3.8
Hickory City	05	32	0.1
Hickory City	10	43,379	99.7
Hickory City	14	79	0.2
High Point City	06	113,933	99.9
High Point City	09	126	0.1
Holly Springs Town	04	35,190	85.3
Holly Springs Town	13	6,049	14.7
Jamestown Town	06	7	0.2
Jamestown Town	09	3,661	99.8
Kannapolis City	06	52,324	98.5
Kannapolis City	08	790	1.5
Kenly Town	03	198	13.3

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

City/Town	District	Population	%
Kenly Town	13	1,293	86.7
Kernersville Town	05	82	0.3
Kernersville Town	06	26,367	99.7
Kernersville Town	10	0	0.0
King City	05	6,606	91.8
King City	10	591	8.2
Long View Town	10	4,353	85.6
Long View Town	14	735	14.5
Lumberton City	07	454	2.4
Lumberton City	08	18,571	97.6
Matthews Town	08	25,816	87.7
Matthews Town	12	3,619	12.3
Mebane City	04	3,171	17.8
Mebane City	09	14,626	82.2
Mint Hill Town	08	22,547	85.2
Mint Hill Town	12	3,903	14.8
Morrisville Town	02	10,457	35.3
Morrisville Town	04	19,173	64.7
Oxford City	01	8,485	98.3
Oxford City	13	143	1.7
Pineville Town	12	2,700	25.5
Pineville Town	14	7,902	74.5
Raleigh City	02	464,574	99.3
Raleigh City	04	1,559	0.3
Raleigh City	13	1,532	0.3

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

City/Town	District	Population	%
Red Springs Town	08	3,087	100.0
Red Springs Town	09	0	0.0
Rhodhiss Town	05	358	35.9
Rhodhiss Town	14	639	64.1
Rolesville Town	02	5,501	58.1
Rolesville Town	13	3,974	41.9
Rutherford College Town	05	0	0.0
Rutherford College Town	14	1,226	100.0
Seven Devils Town	05	275	87.9
Seven Devils Town	11	38	12.1
Sharpsburg Town	01	1,276	75.2
Sharpsburg Town	03	421	24.8
Summerfield Town	05	8,442	77.1
Summerfield Town	09	2,509	22.9
Surf City Town	03	334	8.6
Surf City Town	07	3,533	91.4
Swansboro Town	01	3,536	94.4
Swansboro Town	03	208	5.6
Thomasville City	06	26,662	98.1
Thomasville City	09	521	1.9
Tobaccoville Village	05	0	0.0
Tobaccoville Village	10	2,578	100.0
Wake Forest Town	02	32,623	68.5
Wake Forest Town	13	14,978	31.5
Walkertown Town	06	1,081	19.0

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

City/Town	District	Population	%
Walkertown Town	10	4,611	81.0
Wallace Town	03	3,413	100.0
Wallace Town	07	0	0.0
Wendell Town	02	9,765	99.7
Wendell Town	13	28	0.3
Winston-Salem City	06	33,949	13.6
Winston-Salem City	10	215,596	86.4
Zebulon Town	02	4,668	67.6
Zebulon Town	13	2,235	32.4

City/Town	-- Listed by District	
	Population	%
Elm City Town (part)	0	0.0
Oxford City (part)	8,485	98.3
Sharpsburg Town (part)	1,276	75.2
Swansboro Town (part)	3,536	94.4
District 01 Totals	317,765	
Cary Town (part)	84,668	48.5
Durham City (part)	269	0.1
Garner Town (part)	27,258	87.5
Morrisville Town (part)	10,457	35.3
Raleigh City (part)	464,574	99.3
Rolesville Town (part)	5,501	58.1
Wake Forest Town (part)	32,623	68.5
Zebulon Town (part)	4,668	67.6
District 02 Totals	659,218	
Kenly Town (part)	198	13.3
Sharpsburg Town (part)	421	24.8
Surf City Town (part)	334	8.6
Swansboro Town (part)	208	5.6
District 03 Totals	337,373	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

	Population	%
Cary Town (part)	83,005	47.5
Fuquay-Varina Town (part)	12,393	36.3
Holly Springs Town (part)	35,190	85.3
Mebane City (part)	3,171	17.8
Morrisville Town (part)	19,173	64.7
Raleigh City (part)	1,559	0.3
<hr/>		
District 04 Totals	593,960	
Beech Mountain Town (part)	613	90.8
Greensboro City (part)	224,189	75.0
Hickory City (part)	32	0.1
Kernersville Town (part)	82	0.3
King City (part)	6,606	91.8
Rhodhiss Town (part)	358	35.9
Rutherford College Town (part)	0	0.0
Seven Devils Town (part)	275	87.9
Summerfield Town (part)	8,442	77.1
Tobaccoville Village (part)	0	0.0
<hr/>		
District 05 Totals	386,989	

	Population	%
Archdale City (part)	130	1.1
Clemmons Village (part)	13,930	65.8
Concord City (part)	47,474	45.1
Greensboro City (part)	63,407	21.2
Jamestown Town (part)	7	0.2
Kannapolis City (part)	52,324	98.5
Thomasville City (part)	26,662	98.1
Walkertown Town (part)	1,081	19.0
Winston-Salem City (part)	33,949	13.6
District 06 Totals	473,633	
Fayetteville City (part)	79,356	38.1
Lumberton City (part)	454	2.4
Surf City Town (part)	3,533	91.4
Wallace Town (part)	0	0.0
District 07 Totals	333,761	
Charlotte City (part)	63,098	7.2
Concord City (part)	57,766	54.9
Kannapolis City (part)	790	1.5
Lumberton City (part)	18,571	97.6
Matthews Town (part)	25,816	87.7
Mint Hill Town (part)	22,547	85.2
District 08 Totals	471,095	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

	Population	%
Archdale City (part)	11,777	98.9
Candor Town (part)	0	0.0
Cary Town (part)	3,271	1.9
Fayetteville City (part)	129,145	61.9
Greensboro City (part)	11,439	3.8
High Point City (part)	126	0.1
Mebane City (part)	14,626	82.2
Red Springs Town (part)	0	0.0
Summerfield Town (part)	2,509	22.9
Thomasville City (part)	521	1.9
District 09 Totals	411,757	
Clemmons Village (part)	7,233	34.2
Davidson Town (part)	378	2.5
Kernersville Town (part)	0	0.0
King City (part)	591	8.2
Long View Town (part)	4,353	85.6
Walkertown Town (part)	4,611	81.0
Winston-Salem City (part)	215,596	86.4
District 10 Totals	425,156	
Beech Mountain Town (part)	62	9.2
Columbus Town (part)	0	0.0
Seven Devils Town (part)	38	12.1
District 11 Totals	214,219	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2025-95

	Population	%
Charlotte City (part)	709,319	81.1
Matthews Town (part)	3,619	12.3
Mint Hill Town (part)	3,903	14.8
Pineville Town (part)	2,700	25.5
District 12 Totals	719,541	
Cary Town (part)	3,777	2.2
Fuquay-Varina Town (part)	21,759	63.7
Garner Town (part)	3,901	12.5
Holly Springs Town (part)	6,049	14.7
Kenly Town (part)	1,293	86.7
Oxford City (part)	143	1.7
Raleigh City (part)	1,532	0.3
Rolesville Town (part)	3,974	41.9
Wake Forest Town (part)	14,978	31.5
Wendell Town (part)	28	0.3
Zebulon Town (part)	2,235	32.4
District 13 Totals	210,167	
Charlotte City (part)	102,162	11.7
Davidson Town (part)	14,728	97.5
Hickory City (part)	79	0.2
Long View Town (part)	735	14.5
Pineville Town (part)	7,902	74.5
Rhodhiss Town (part)	639	64.1
Spencer Mountain Town	0	0.0
District 14 Totals	462,971	

Summary Statistics

Number of City/Town not split	504
Number of City/Town split	49
Number of City/Town split in 2	43
Number of City/Town split in 3	5
Number of City/Town split in 4	1
Total number of splits	105

County by District and by County

Wednesday, October 29, 2025

10:27 PM

	Population	% of District	[18+_Pop]	% of District	[18+_AP_Bl]	% of District
District 01	745,671		596,783		192,997	
Beaufort NC	44,652	100.00%	36,005	100.00%	8,283	100.00%
Bertie NC	17,934	100.00%	14,896	100.00%	9,001	100.00%
Camden NC	10,355	100.00%	7,887	100.00%	935	100.00%
Carteret NC	67,686	100.00%	56,213	100.00%	3,036	100.00%
Chowan NC	13,708	100.00%	11,114	100.00%	3,569	100.00%
Craven NC	100,720	100.00%	79,783	100.00%	16,661	100.00%
Currituck NC	28,100	100.00%	22,004	100.00%	1,279	100.00%
Dare NC	36,915	100.00%	30,445	100.00%	705	100.00%
Edgecombe NC	48,900	100.00%	38,189	100.00%	21,540	100.00%
Gates NC	10,478	100.00%	8,343	100.00%	2,622	100.00%
Granville NC	10,818	17.74%	8,521	17.68%	4,444	28.84%
Halifax NC	48,622	100.00%	38,975	100.00%	20,135	100.00%
Hertford NC	21,552	100.00%	17,639	100.00%	10,111	100.00%
Hyde NC	4,589	100.00%	3,785	100.00%	1,073	100.00%
Martin NC	22,031	100.00%	17,615	100.00%	7,218	100.00%
Nash NC	94,970	100.00%	74,574	100.00%	29,361	100.00%
Northampton NC	17,471	100.00%	14,372	100.00%	7,937	100.00%
Onslow NC	4,853	2.37%	3,802	2.41%	170	0.70%
Pamlico NC	12,276	100.00%	10,478	100.00%	1,896	100.00%
Pasquotank NC	40,568	100.00%	31,964	100.00%	11,738	100.00%
Perquimans NC	13,005	100.00%	10,592	100.00%	2,288	100.00%
Tyrrell NC	3,245	100.00%	2,574	100.00%	787	100.00%
Vance NC	42,578	100.00%	32,871	100.00%	16,430	100.00%
Warren NC	18,642	100.00%	15,292	100.00%	7,537	100.00%
Washington NC	11,003	100.00%	8,850	100.00%	4,241	100.00%
Total District 01	745,671		596,783		192,997	
District 02	745,670		584,067		140,209	
Wake NC	745,670	66.02%	584,067	67.91%	140,209	82.61%
Total District 02	745,670		584,067		140,209	
District 03	745,670		576,660		169,543	
Duplin NC	48,715	100.00%	37,043	100.00%	9,428	100.00%
Greene NC	20,451	100.00%	16,566	100.00%	6,175	100.00%
Jones NC	9,172	100.00%	7,481	100.00%	2,229	100.00%
Lenoir NC	55,122	100.00%	42,923	100.00%	17,369	100.00%
Onslow NC	199,723	97.63%	153,665	97.59%	23,964	99.30%
Pitt NC	170,243	100.00%	132,273	100.00%	47,241	100.00%
Sampson NC	46,127	78.13%	35,152	78.23%	10,434	90.20%
Wayne NC	117,333	100.00%	90,502	100.00%	28,806	100.00%
Wilson NC	78,784	100.00%	61,055	100.00%	23,897	100.00%

	Population	% of District	[18+_Pop]	% of District	[18+_AP_Blk]	% of District
Total District 03	745,670		576,660		169,543	
District 04	745,671		574,606		124,857	
Chatham NC	40,640	53.27%	32,813	53.98%	3,041	43.81%
Durham NC	324,833	100.00%	259,565	100.00%	92,051	100.00%
Orange NC	148,696	100.00%	119,527	100.00%	14,231	100.00%
Wake NC	231,502	20.50%	162,701	18.92%	15,534	9.15%
Total District 04	745,671		574,606		124,857	
District 05	745,671		596,194		111,648	
Alexander NC	36,444	100.00%	29,273	100.00%	1,816	100.00%
Alleghany NC	10,888	100.00%	8,942	100.00%	122	100.00%
Ashe NC	26,577	100.00%	21,984	100.00%	171	100.00%
Caldwell NC	80,652	100.00%	64,436	100.00%	3,506	100.00%
Guilford NC	264,080	48.79%	207,048	48.86%	83,228	56.98%
Rockingham NC	91,096	100.00%	72,783	100.00%	14,158	100.00%
Stokes NC	44,520	100.00%	36,049	100.00%	1,553	100.00%
Surry NC	71,359	100.00%	56,438	100.00%	2,322	100.00%
Watauga NC	54,086	100.00%	46,590	100.00%	2,378	100.00%
Wilkes NC	65,969	100.00%	52,651	100.00%	2,394	100.00%
Total District 05	745,671		596,194		111,648	
District 06	745,671		578,293		111,667	
Cabarrus NC	101,258	44.84%	74,336	44.37%	17,269	52.16%
Davidson NC	168,930	100.00%	132,179	100.00%	13,115	100.00%
Davie NC	42,712	100.00%	33,784	100.00%	2,163	100.00%
Forsyth NC	108,247	28.29%	83,827	28.19%	14,481	18.70%
Guilford NC	177,649	32.82%	139,199	32.85%	46,011	31.50%
Rowan NC	146,875	100.00%	114,968	100.00%	18,628	100.00%
Total District 06	745,671		578,293		111,667	
District 07	745,671		593,673		119,140	
Bladen NC	29,606	100.00%	23,426	100.00%	7,894	100.00%
Brunswick NC	136,693	100.00%	116,606	100.00%	9,916	100.00%
Columbus NC	50,623	100.00%	40,316	100.00%	12,073	100.00%
Cumberland NC	191,667	57.26%	144,267	56.69%	52,580	50.97%
New Hanover NC	225,702	100.00%	184,113	100.00%	23,247	100.00%
Pender NC	60,203	100.00%	46,608	100.00%	6,583	100.00%
Robeson NC	38,268	32.84%	28,553	32.28%	5,713	26.68%
Sampson NC	12,909	21.87%	9,784	21.77%	1,134	9.80%
Total District 07	745,671		593,673		119,140	
District 08	745,671		563,332		99,678	
Anson NC	22,055	100.00%	17,845	100.00%	8,079	100.00%
Cabarrus NC	124,546	55.16%	93,203	55.63%	15,841	47.84%
Mecklenburg NC	117,166	10.50%	88,994	10.35%	8,706	3.28%
Montgomery NC	25,751	100.00%	20,177	100.00%	3,475	100.00%

County by District and by County

NC CD SL 2025-95

	Population	% of District	[18+_Pop]	% of District	[18+_AP_Blk]	% of District
Richmond NC	42,946	100.00%	33,238	100.00%	10,143	100.00%
Robeson NC	78,262	67.16%	59,902	67.72%	15,703	73.32%
Scotland NC	34,174	100.00%	26,845	100.00%	10,379	100.00%
Stanly NC	62,504	100.00%	49,264	100.00%	5,810	100.00%
Union NC	238,267	100.00%	173,864	100.00%	21,542	100.00%
Total District 08	745,671		563,332		99,678	
District 09	745,671		577,673		129,182	
Alamance NC	171,415	100.00%	133,969	100.00%	27,878	100.00%
Chatham NC	35,645	46.73%	27,975	46.02%	3,900	56.19%
Cumberland NC	143,061	42.74%	110,214	43.31%	50,588	49.03%
Guilford NC	99,570	18.39%	77,516	18.29%	16,839	11.53%
Hoke NC	52,082	100.00%	37,472	100.00%	13,473	100.00%
Moore NC	99,727	100.00%	78,212	100.00%	9,011	100.00%
Randolph NC	144,171	100.00%	112,315	100.00%	7,493	100.00%
Total District 09	745,671		577,673		129,182	
District 10	745,670		581,822		96,473	
Catawba NC	160,610	100.00%	126,566	100.00%	11,181	100.00%
Forsyth NC	274,343	71.71%	213,561	71.81%	62,945	81.30%
Iredell NC	186,693	100.00%	143,795	100.00%	17,388	100.00%
Lincoln NC	86,810	100.00%	68,416	100.00%	3,975	100.00%
Yadkin NC	37,214	100.00%	29,484	100.00%	984	100.00%
Total District 10	745,670		581,822		96,473	
District 11	745,670		609,924		23,682	
Avery NC	17,806	100.00%	15,104	100.00%	718	100.00%
Buncombe NC	269,452	100.00%	219,874	100.00%	13,666	100.00%
Cherokee NC	28,774	100.00%	24,051	100.00%	404	100.00%
Clay NC	11,089	100.00%	9,234	100.00%	80	100.00%
Graham NC	8,030	100.00%	6,370	100.00%	81	100.00%
Haywood NC	62,089	100.00%	51,091	100.00%	758	100.00%
Henderson NC	116,281	100.00%	94,428	100.00%	3,161	100.00%
Jackson NC	43,109	100.00%	35,790	100.00%	1,057	100.00%
Macon NC	37,014	100.00%	30,345	100.00%	355	100.00%
Madison NC	21,193	100.00%	17,481	100.00%	295	100.00%
McDowell NC	44,578	100.00%	35,805	100.00%	1,654	100.00%
Mitchell NC	14,903	100.00%	12,246	100.00%	87	100.00%
Polk NC	5,779	29.90%	4,726	29.17%	91	13.98%
Swain NC	14,117	100.00%	10,975	100.00%	147	100.00%
Transylvania NC	32,986	100.00%	27,299	100.00%	979	100.00%
Yancey NC	18,470	100.00%	15,105	100.00%	149	100.00%
Total District 11	745,670		609,924		23,682	
District 12	745,670		580,319		222,293	
Mecklenburg NC	745,670	66.85%	580,319	67.48%	222,293	83.70%
Total District 12	745,670		580,319		222,293	

	Population	% of District	[18+_Pop]	% of District	[18+_AP_Bl]	% of District
District 13	745,670		562,248		109,385	
Caswell NC	22,736	100.00%	18,596	100.00%	5,964	100.00%
Franklin NC	68,573	100.00%	53,144	100.00%	13,059	100.00%
Granville NC	50,174	82.26%	39,674	82.32%	10,963	71.16%
Harnett NC	133,568	100.00%	98,069	100.00%	21,657	100.00%
Johnston NC	215,999	100.00%	160,099	100.00%	26,787	100.00%
Lee NC	63,285	100.00%	48,392	100.00%	8,878	100.00%
Person NC	39,097	100.00%	30,963	100.00%	8,086	100.00%
Wake NC	152,238	13.48%	113,311	13.17%	13,991	8.24%
Total District 13	745,670		562,248		109,385	
District 14	745,671		579,505		92,298	
Burke NC	87,570	100.00%	70,018	100.00%	4,485	100.00%
Cleveland NC	99,519	100.00%	78,032	100.00%	16,017	100.00%
Gaston NC	227,943	100.00%	177,846	100.00%	31,549	100.00%
Mecklenburg NC	252,646	22.65%	190,712	22.18%	34,578	13.02%
Polk NC	13,549	70.10%	11,478	70.83%	560	86.02%
Rutherford NC	64,444	100.00%	51,419	100.00%	5,109	100.00%
Total District 14	745,671		579,505		92,298	

Core Constituencies

Tuesday, October 28, 2025

12:18 PM

From Plan: NC CD SL 2023-145

Plan: NC CD SL 2025-95, District 01 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 01	473,980 (63.56%)	25,220 (59.12%)	226,191 (53.09%)	208,936 (83.14%)
Dist. 03	271,691 (36.44%)	17,439 (40.88%)	199,874 (46.91%)	42,362 (16.86%)
Total and % Population		42,659 (5.72%)	426,065 (57.14%)	251,298 (33.70%)

Plan: NC CD SL 2025-95, District 02 --

745,670 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 02	745,670 (100.00%)	96,435 (100.00%)	400,547 (100.00%)	188,408 (100.00%)
Total and % Population		96,435 (12.93%)	400,547 (53.72%)	188,408 (25.27%)

Plan: NC CD SL 2025-95, District 03 --

745,670 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 01	271,690 (36.44%)	31,252 (33.63%)	132,531 (33.42%)	100,807 (44.19%)
Dist. 03	473,980 (63.56%)	61,676 (66.37%)	263,980 (66.58%)	127,335 (55.81%)
Total and % Population		92,928 (12.46%)	396,511 (53.18%)	228,142 (30.60%)

Plan: NC CD SL 2025-95, District 04 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 04	745,671 (100.00%)	85,915 (100.00%)	395,824 (100.00%)	162,837 (100.00%)
Total and % Population		85,915 (11.52%)	395,824 (53.08%)	162,837 (21.84%)

Plan: NC CD SL 2025-95, District 05 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 05	745,671 (100.00%)	59,024 (100.00%)	507,354 (100.00%)	146,858 (100.00%)
Total and % Population		59,024 (7.92%)	507,354 (68.04%)	146,858 (19.69%)

Plan: NC CD SL 2025-95, District 06 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 06	745,671 (100.00%)	80,826 (100.00%)	466,399 (100.00%)	153,914 (100.00%)
Total and % Population		80,826 (10.84%)	466,399 (62.55%)	153,914 (20.64%)

Plan: NC CD SL 2025-95, District 07 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
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From Plan: NC CD SL 2023-145

Plan: NC CD SL 2025-95, District 07 --**745,671 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 07	745,671 (100.00%)	61,609 (100.00%)	478,702 (100.00%)	160,874 (100.00%)
Total and % Population		61,609 (8.26%)	478,702 (64.20%)	160,874 (21.57%)

Plan: NC CD SL 2025-95, District 08 --**745,671 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 08	745,671 (100.00%)	69,986 (100.00%)	453,271 (100.00%)	137,312 (100.00%)
Total and % Population		69,986 (9.39%)	453,271 (60.79%)	137,312 (18.41%)

Plan: NC CD SL 2025-95, District 09 --**745,671 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 09	745,671 (100.00%)	94,277 (100.00%)	437,637 (100.00%)	177,432 (100.00%)
Total and % Population		94,277 (12.64%)	437,637 (58.69%)	177,432 (23.79%)

Plan: NC CD SL 2025-95, District 10 --**745,670 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 10	745,670 (100.00%)	84,946 (100.00%)	493,055 (100.00%)	130,655 (100.00%)
Total and % Population		84,946 (11.39%)	493,055 (66.12%)	130,655 (17.52%)

Plan: NC CD SL 2025-95, District 11 --**745,670 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 11	745,670 (100.00%)	57,087 (100.00%)	613,832 (100.00%)	33,066 (100.00%)
Total and % Population		57,087 (7.66%)	613,832 (82.32%)	33,066 (4.43%)

Plan: NC CD SL 2025-95, District 12 --**745,670 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 12	745,670 (100.00%)	131,029 (100.00%)	267,498 (100.00%)	295,073 (100.00%)
Total and % Population		131,029 (17.57%)	267,498 (35.87%)	295,073 (39.57%)

Plan: NC CD SL 2025-95, District 13 --**745,670 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 13	745,670 (100.00%)	97,421 (100.00%)	470,899 (100.00%)	149,850 (100.00%)
Total and % Population		97,421 (13.06%)	470,899 (63.15%)	149,850 (20.10%)

Plan: NC CD SL 2025-95, District 14 --**745,671 Total Population**

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
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From Plan: **NC CD SL 2023-145**

Plan: NC CD SL 2025-95, District 14 --

745,671 Total Population

	Population	[Hispanic Origin]	NH_Wht	AP_Bl
Dist. 14	745,671 (100.00%)	64,454 (100.00%)	504,554 (100.00%)	128,834 (100.00%)
Total and % Population		64,454 (8.64%)	504,554 (67.66%)	128,834 (17.28%)

Appendix C

SL 2023-145 Plan Data Reports

Total Population #s & %s SL 2023-145 Plan Report
Voting Age Population #s & %s SL 2023-145 Plan Report
Citizen Voting Age Population #s & %s SL 2023-145 Plan Report
Contiguity SL 2023-145 Plan Report
Compactness SL 2023-145 Plan Report
County - VTD SL 2023-145 Plan Split Report
Census Places SL 2023-145 Plan Split Report
Landmark Area SL 2023-145 Plan Split Report
Incumbency SL 2023-145 Plan Report
County List SL 2023-145 Plan Report
Census Place List SL 2023-145 Plan Report

User: Tony Fairfax

Plan Name: NC CD SL 2023-145

Plan Type: NC Cong Districts

Population Summary

Friday, October 17, 2025

10:54 PM

District	Population	Deviation	% Devn.	[Hispanic Origin]	NH_Wht	NH_Blk	NH_Ind	NH_Asn
01	745,670	-1	0.00%	56,472	358,722	293,305	5,012	5,853
02	745,670	-1	0.00%	96,435	400,547	169,050	1,930	43,558
03	745,671	0	0.00%	79,115	463,854	150,509	3,358	12,069
04	745,671	0	0.00%	85,915	395,824	146,731	1,603	80,376
05	745,671	0	0.00%	59,024	507,354	132,275	1,984	16,509
06	745,671	0	0.00%	80,826	466,399	137,415	2,411	26,904
07	745,671	0	0.00%	61,609	478,702	142,530	16,564	9,508
08	745,671	0	0.00%	69,986	453,271	122,694	40,891	26,504
09	745,671	0	0.00%	94,277	437,637	154,852	7,450	14,240
10	745,670	-1	0.00%	84,946	493,055	115,429	1,773	19,390
11	745,670	-1	0.00%	57,087	613,832	24,359	10,853	6,744
12	745,670	-1	0.00%	131,029	267,498	272,149	2,001	42,199
13	745,670	-1	0.00%	97,421	470,899	132,640	3,191	8,025
14	745,671	0	0.00%	64,454	504,554	113,588	1,865	28,180

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2023-145

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

Population Summary

Friday, October 17, 2025

10:55 PM

District	Population	Deviation	% Devn.	[% Hispanic Origin]	[% NH_Wht]	[% NH_Blk]	[% NH_Ind]	[% NH_Asn]
01	745,670	-1	0.00%	7.57%	48.11%	39.33%	0.67%	0.78%
02	745,670	-1	0.00%	12.93%	53.72%	22.67%	0.26%	5.84%
03	745,671	0	0.00%	10.61%	62.21%	20.18%	0.45%	1.62%
04	745,671	0	0.00%	11.52%	53.08%	19.68%	0.21%	10.78%
05	745,671	0	0.00%	7.92%	68.04%	17.74%	0.27%	2.21%
06	745,671	0	0.00%	10.84%	62.55%	18.43%	0.32%	3.61%
07	745,671	0	0.00%	8.26%	64.2%	19.11%	2.22%	1.28%
08	745,671	0	0.00%	9.39%	60.79%	16.45%	5.48%	3.55%
09	745,671	0	0.00%	12.64%	58.69%	20.77%	1%	1.91%
10	745,670	-1	0.00%	11.39%	66.12%	15.48%	0.24%	2.6%
11	745,670	-1	0.00%	7.66%	82.32%	3.27%	1.46%	0.9%
12	745,670	-1	0.00%	17.57%	35.87%	36.5%	0.27%	5.66%
13	745,670	-1	0.00%	13.06%	63.15%	17.79%	0.43%	1.08%
14	745,671	0	0.00%	8.64%	67.66%	15.23%	0.25%	3.78%

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2023-145

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

Population Summary

Friday, October 17, 2025

10:56 PM

District	Population	Deviation	% Devn.	[18+_Pop]	[H18+_Pop]	[NH18+_Wht]	[NH18+_Blk]	[NH18+_Ind]	[NH18+_Asn]
01	745,670	-1	0.00%	587,318	35,824	297,776	228,397	4,038	4,654
02	745,670	-1	0.00%	584,067	64,157	332,722	129,098	1,532	34,810
03	745,671	0	0.00%	586,125	52,590	382,633	115,624	2,703	9,763
04	745,671	0	0.00%	574,606	56,330	320,577	115,856	1,250	59,465
05	745,671	0	0.00%	596,194	38,431	421,313	103,901	1,625	12,366
06	745,671	0	0.00%	578,293	51,069	382,738	103,739	1,992	19,452
07	745,671	0	0.00%	593,673	39,354	400,999	110,017	12,778	7,627
08	745,671	0	0.00%	563,332	44,048	358,376	92,662	30,715	18,535
09	745,671	0	0.00%	577,673	60,786	359,252	118,032	5,823	11,384
10	745,670	-1	0.00%	581,822	53,640	404,468	88,958	1,420	14,229
11	745,670	-1	0.00%	609,924	37,835	516,985	19,492	7,823	5,464
12	745,670	-1	0.00%	580,319	87,967	229,032	208,149	1,585	32,974
13	745,670	-1	0.00%	562,248	60,116	372,444	101,501	2,512	6,313
14	745,671	0	0.00%	579,505	42,164	410,318	85,143	1,539	20,566

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2023-145

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

Population Summary

Friday, October 17, 2025

10:56 PM

District	Population	Deviation	% Devn.	[% Hispanic Origin]	[% NH_Wht]	[% NH_Blkl]	[% NH_Ind]	[% NH_Asn]
01	745,670	-1	0.00%	7.57%	48.11%	39.33%	0.67%	0.78%
02	745,670	-1	0.00%	12.93%	53.72%	22.67%	0.26%	5.84%
03	745,671	0	0.00%	10.61%	62.21%	20.18%	0.45%	1.62%
04	745,671	0	0.00%	11.52%	53.08%	19.68%	0.21%	10.78%
05	745,671	0	0.00%	7.92%	68.04%	17.74%	0.27%	2.21%
06	745,671	0	0.00%	10.84%	62.55%	18.43%	0.32%	3.61%
07	745,671	0	0.00%	8.26%	64.2%	19.11%	2.22%	1.28%
08	745,671	0	0.00%	9.39%	60.79%	16.45%	5.48%	3.55%
09	745,671	0	0.00%	12.64%	58.69%	20.77%	1%	1.91%
10	745,670	-1	0.00%	11.39%	66.12%	15.48%	0.24%	2.6%
11	745,670	-1	0.00%	7.66%	82.32%	3.27%	1.46%	0.9%
12	745,670	-1	0.00%	17.57%	35.87%	36.5%	0.27%	5.66%
13	745,670	-1	0.00%	13.06%	63.15%	17.79%	0.43%	1.08%
14	745,671	0	0.00%	8.64%	67.66%	15.23%	0.25%	3.78%

Total Population: 10,439,388

Ideal District Population: 745,671

Summary Statistics:

Population Range: 745,670 to 745,671

Ratio Range: 0.00

Absolute Range: -1 to

Absolute Overall Range: 1

Relative Range: 0.00% to 0.00%

Relative Overall Range: 0.00%

Absolute Mean Deviation: 0.43

Population Summary

NC CD SL 2023-145

Relative Mean Deviation:	0.00%
Standard Deviation:	0.49

Contiguity Report

Friday, October 17, 2025

11:01 PM

District	Number of Distinct Areas
01	1
02	1
03	1
04	1
05	1
06	1
07	1
08	1
09	1
10	1
11	1
12	1
13	1
14	1

Measures of Compactness Report

Friday, October 17, 2025

11:01 PM

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.28	0.14
Max	0.59	0.29
Mean	0.40	0.24
Std. Dev.	0.09	0.05

District	Reock	Polsby-Popper
01	0.42	0.27
02	0.49	0.27
03	0.37	0.25
04	0.45	0.25
05	0.30	0.23
06	0.41	0.29
07	0.50	0.28
08	0.35	0.27
09	0.38	0.16
10	0.28	0.28
11	0.30	0.27

	Reock	Polsby-Popper
Sum	N/A	N/A
Min	0.28	0.14
Max	0.59	0.29
Mean	0.40	0.24
Std. Dev.	0.09	0.05

District	Reock	Polsby-Popper
12	0.59	0.28
13	0.38	0.14
14	0.32	0.17

Measures of Compactness Summary

Reock	The measure is always between 0 and 1, with 1 being the most compact.
Polsby-Popper	The measure is always between 0 and 1, with 1 being the most compact.

Political Subdivision Splits Between Districts

Friday, October 17, 2025

11:02 PM

Number of subdivisions not split:

County	89
Voting District	2,646

Number of subdivisions split into more than one district:

County	11
Voting District	20

Number of splits involving no population:

County	0
Voting District	0

Split Counts

County

Cases where an area is split among 2 Districts: 8

Cases where an area is split among 3 Districts: 3

Voting District

Cases where an area is split among 2 Districts: 20

County	Voting District	District	Population
<i>Split Counties:</i>			
Cabarrus NC		06	101,258
Cabarrus NC		08	124,546
Chatham NC		04	40,640
Chatham NC		09	35,645
Cumberland NC		07	191,667
Cumberland NC		09	143,061
Forsyth NC		06	108,247
Forsyth NC		10	274,343
Granville NC		01	10,818
Granville NC		13	50,174
Guilford NC		05	264,080
Guilford NC		06	177,649
Guilford NC		09	99,570
Mecklenburg NC		08	117,166
Mecklenburg NC		12	745,670
Mecklenburg NC		14	252,646
Polk NC		11	5,779
Polk NC		14	13,549
Robeson NC		07	38,268
Robeson NC		08	78,262
Sampson NC		03	46,127
Sampson NC		07	12,909
Wake NC		02	745,670

Political Subdivision Splits Between Districts

NC CD SL 2023-145

County	Voting District	District	Population
Wake NC		04	231,502
Wake NC		13	152,238
<i>Split VTDs:</i>			
Cabarrus NC	12-13	06	7,807
Cabarrus NC	12-13	08	199
Chatham NC	EAST WILLIAMS	04	1,496
Chatham NC	EAST WILLIAMS	09	3,670
Cumberland NC	CROSS CREEK 14	07	81
Cumberland NC	CROSS CREEK 14	09	4,129
Forsyth NC	WALKERTOWN LIBRARY	06	466
Forsyth NC	WALKERTOWN LIBRARY	10	4,161
Granville NC	00SALM	01	1,252
Granville NC	00SALM	13	1,118
Guilford NC	JEF2	05	1,034
Guilford NC	JEF2	09	3,768
Guilford NC	NDRI	05	1,658
Guilford NC	NDRI	06	2,323
Mecklenburg NC	103	08	3,454
Mecklenburg NC	103	12	854
Mecklenburg NC	121	08	1,071
Mecklenburg NC	121	14	4,030
Mecklenburg NC	217	08	869
Mecklenburg NC	217	12	3,619
Mecklenburg NC	232	08	567
Mecklenburg NC	232	14	6,741
Polk NC	WHITE OAK	11	1,850
Polk NC	WHITE OAK	14	452
Robeson NC	PHILADELPHUS	07	462
Robeson NC	PHILADELPHUS	08	1,761
Sampson NC	PLAINVIEW	03	744
Sampson NC	PLAINVIEW	07	3,197
Wake NC	04-10	02	1,273
Wake NC	04-10	04	2,691
Wake NC	09-02	02	5,777
Wake NC	09-02	13	647
Wake NC	10-03	02	4,537
Wake NC	10-03	13	154
Wake NC	10-04	02	11,667
Wake NC	10-04	13	1,171
Wake NC	16-01	02	4,020
Wake NC	16-01	13	1,364
Wake NC	16-09	02	5,059
Wake NC	16-09	13	1,648

County by District and by County

Friday, October 17, 2025

11:38 PM

	Population	% of District
District 01		
Bertie	17,934	100.00%
Camden	10,355	100.00%
Chowan	13,708	100.00%
Currituck	28,100	100.00%
Edgecombe	48,900	100.00%
Gates	10,478	100.00%
Granville	10,818	17.74%
Greene	20,451	100.00%
Halifax	48,622	100.00%
Hertford	21,552	100.00%
Lenoir	55,122	100.00%
Martin	22,031	100.00%
Nash	94,970	100.00%
Northampton	17,471	100.00%
Pasquotank	40,568	100.00%
Perquimans	13,005	100.00%
Tyrrell	3,245	100.00%
Vance	42,578	100.00%
Warren	18,642	100.00%
Washington	11,003	100.00%
Wayne	117,333	100.00%
Wilson	78,784	100.00%
Total District 01	745,670	
District 02		
Wake	745,670	66.02%
Total District 02	745,670	
District 03		
Beaufort	44,652	100.00%
Carteret	67,686	100.00%
Craven	100,720	100.00%
Dare	36,915	100.00%
Duplin	48,715	100.00%
Hyde	4,589	100.00%
Jones	9,172	100.00%
Onslow	204,576	100.00%
Pamlico	12,276	100.00%
Pitt	170,243	100.00%
Sampson	46,127	78.13%
Total District 03	745,671	

	Population	% of District
District 04		
Chatham	40,640	53.27%
Durham	324,833	100.00%
Orange	148,696	100.00%
Wake	231,502	20.50%
Total District 04	745,671	
District 05		
Alexander	36,444	100.00%
Alleghany	10,888	100.00%
Ashe	26,577	100.00%
Caldwell	80,652	100.00%
Guilford	264,080	48.79%
Rockingham	91,096	100.00%
Stokes	44,520	100.00%
Surry	71,359	100.00%
Watauga	54,086	100.00%
Wilkes	65,969	100.00%
Total District 05	745,671	
District 06		
Cabarrus	101,258	44.84%
Davidson	168,930	100.00%
Davie	42,712	100.00%
Forsyth	108,247	28.29%
Guilford	177,649	32.82%
Rowan	146,875	100.00%
Total District 06	745,671	
District 07		
Bladen	29,606	100.00%
Brunswick	136,693	100.00%
Columbus	50,623	100.00%
Cumberland	191,667	57.26%
New Hanover	225,702	100.00%
Pender	60,203	100.00%
Robeson	38,268	32.84%
Sampson	12,909	21.87%
Total District 07	745,671	
District 08		
Anson	22,055	100.00%
Cabarrus	124,546	55.16%
Mecklenburg	117,166	10.50%
Montgomery	25,751	100.00%
Richmond	42,946	100.00%
Robeson	78,262	67.16%

	Population	% of District
Scotland	34,174	100.00%
Stanly	62,504	100.00%
Union	238,267	100.00%
Total District 08	745,671	
District 09		
Alamance	171,415	100.00%
Chatham	35,645	46.73%
Cumberland	143,061	42.74%
Guilford	99,570	18.39%
Hoke	52,082	100.00%
Moore	99,727	100.00%
Randolph	144,171	100.00%
Total District 09	745,671	
District 10		
Catawba	160,610	100.00%
Forsyth	274,343	71.71%
Iredell	186,693	100.00%
Lincoln	86,810	100.00%
Yadkin	37,214	100.00%
Total District 10	745,670	
District 11		
Avery	17,806	100.00%
Buncombe	269,452	100.00%
Cherokee	28,774	100.00%
Clay	11,089	100.00%
Graham	8,030	100.00%
Haywood	62,089	100.00%
Henderson	116,281	100.00%
Jackson	43,109	100.00%
Macon	37,014	100.00%
Madison	21,193	100.00%
McDowell	44,578	100.00%
Mitchell	14,903	100.00%
Polk	5,779	29.90%
Swain	14,117	100.00%
Transylvania	32,986	100.00%
Yancey	18,470	100.00%
Total District 11	745,670	
District 12		
Mecklenburg	745,670	66.85%
Total District 12	745,670	
District 13		

	Population	% of District
Caswell	22,736	100.00%
Franklin	68,573	100.00%
Granville	50,174	82.26%
Harnett	133,568	100.00%
Johnston	215,999	100.00%
Lee	63,285	100.00%
Person	39,097	100.00%
Wake	152,238	13.48%
Total District 13	745,670	
District 14		
Burke	87,570	100.00%
Cleveland	99,519	100.00%
Gaston	227,943	100.00%
Mecklenburg	252,646	22.65%
Polk	13,549	70.10%
Rutherford	64,444	100.00%
Total District 14	745,671	

User: Tony Fairfax

Plan Name: NC CD SL 2023-145

Plan Type: NC Cong Districts

Communities of Interest (Landscape, 11x8.5)

Friday, October 17, 2025

11:18 PM

City/Town	District	Population	%
Archdale City	06	130	1.1
Archdale City	09	11,777	98.9
Barker Ten Mile CDP	07	129	13.8
Barker Ten Mile CDP	08	808	86.2
Beech Mountain Town	05	613	90.8
Beech Mountain Town	11	62	9.2
Candor Town	08	813	100.0
Candor Town	09	0	0.0
Cary Town	02	84,668	48.5
Cary Town	04	83,005	47.5
Cary Town	09	3,271	1.9
Cary Town	13	3,777	2.2
Charlotte City	08	63,098	7.2
Charlotte City	12	709,319	81.1
Charlotte City	14	102,162	11.7
Clemmons Village	06	13,930	65.8
Clemmons Village	10	7,233	34.2
Columbus Town	11	0	0.0
Columbus Town	14	1,060	100.0
Concord City	06	47,474	45.1
Concord City	08	57,766	54.9

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

City/Town	District	Population	%
Davidson Town	10	378	2.5
Davidson Town	14	14,728	97.5
Durham City	02	269	0.1
Durham City	04	283,237	99.9
Fayetteville City	07	79,356	38.1
Fayetteville City	09	129,145	61.9
Fuquay-Varina Town	04	12,393	36.3
Fuquay-Varina Town	13	21,759	63.7
Garner Town	02	27,258	87.5
Garner Town	13	3,901	12.5
Germanton CDP	05	297	37.6
Germanton CDP	10	493	62.4
Greensboro City	05	224,189	75.0
Greensboro City	06	63,407	21.2
Greensboro City	09	11,439	3.8
Grifton Town	01	147	6.0
Grifton Town	03	2,301	94.0
Hickory City	05	32	0.1
Hickory City	10	43,379	99.7
Hickory City	14	79	0.2
High Point City	06	113,933	99.9
High Point City	09	126	0.1
Holly Springs Town	04	35,190	85.3
Holly Springs Town	13	6,049	14.7
Jamestown Town	06	7	0.2

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

City/Town	District	Population	%
Jamestown Town	09	3,661	99.8
Kannapolis City	06	52,324	98.5
Kannapolis City	08	790	1.5
Kenly Town	01	198	13.3
Kenly Town	13	1,293	86.7
Kernersville Town	05	82	0.3
Kernersville Town	06	26,367	99.7
Kernersville Town	10	0	0.0
King City	05	6,606	91.8
King City	10	591	8.2
Long View Town	10	4,353	85.6
Long View Town	14	735	14.5
Lumberton City	07	454	2.4
Lumberton City	08	18,571	97.6
Matthews Town	08	25,816	87.7
Matthews Town	12	3,619	12.3
Mebane City	04	3,171	17.8
Mebane City	09	14,626	82.2
Mint Hill Town	08	22,547	85.2
Mint Hill Town	12	3,903	14.8
Morrisville Town	02	10,457	35.3
Morrisville Town	04	19,173	64.7
Mount Olive Town	01	4,193	99.9
Mount Olive Town	03	5	0.1
Oxford City	01	8,485	98.3

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

City/Town	District	Population	%
Oxford City	13	143	1.7
Pineville Town	12	2,700	25.5
Pineville Town	14	7,902	74.5
Raleigh City	02	464,574	99.3
Raleigh City	04	1,559	0.3
Raleigh City	13	1,532	0.3
Red Springs Town	08	3,087	100.0
Red Springs Town	09	0	0.0
Rhodhiss Town	05	358	35.9
Rhodhiss Town	14	639	64.1
Rolesville Town	02	5,501	58.1
Rolesville Town	13	3,974	41.9
Rougemont CDP	04	832	83.1
Rougemont CDP	13	169	16.9
Rutherford College Town	05	0	0.0
Rutherford College Town	14	1,226	100.0
Seven Devils Town	05	275	87.9
Seven Devils Town	11	38	12.1
Spivey's Corner CDP	03	322	55.9
Spivey's Corner CDP	07	254	44.1
Stony Point CDP	05	986	86.0
Stony Point CDP	10	160	14.0
Summerfield Town	05	8,442	77.1
Summerfield Town	09	2,509	22.9
Surf City Town	03	334	8.6

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

City/Town	District	Population	%
Surf City Town	07	3,533	91.4
Thomasville City	06	26,662	98.1
Thomasville City	09	521	1.9
Tobaccoville Village	05	0	0.0
Tobaccoville Village	10	2,578	100.0
Wake Forest Town	02	32,623	68.5
Wake Forest Town	13	14,978	31.5
Walkertown Town	06	1,081	19.0
Walkertown Town	10	4,611	81.0
Wallace Town	03	3,413	100.0
Wallace Town	07	0	0.0
Wendell Town	02	9,765	99.7
Wendell Town	13	28	0.3
Winston-Salem City	06	33,949	13.6
Winston-Salem City	10	215,596	86.4
Zebulon Town	02	4,668	67.6
Zebulon Town	13	2,235	32.4

City/Town	-- Listed by District	
	Population	%
Grifton Town (part)	147	6.0
Kenly Town (part)	198	13.3
Oxford City (part)	8,485	98.3
District 01 Totals	339,057	
Cary Town (part)	84,668	48.5
Durham City (part)	269	0.1
Garner Town (part)	27,258	87.5
Morrisville Town (part)	10,457	35.3
Raleigh City (part)	464,574	99.3
Rolesville Town (part)	5,501	58.1
Wake Forest Town (part)	32,623	68.5
Zebulon Town (part)	4,668	67.6
District 02 Totals	659,218	
Grifton Town (part)	2,301	94.0
Mount Olive Town (part)	5	0.1
Spivey's Corner CDP (part)	322	55.9
Surf City Town (part)	334	8.6
District 03 Totals	412,871	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

	Population	%
Cary Town (part)	83,005	47.5
Fuquay-Varina Town (part)	12,393	36.3
Holly Springs Town (part)	35,190	85.3
Mebane City (part)	3,171	17.8
Morrisville Town (part)	19,173	64.7
Raleigh City (part)	1,559	0.3
Rougemont CDP (part)	832	83.1
<hr/>		
District 04 Totals	608,621	
Beech Mountain Town (part)	613	90.8
Germanton CDP (part)	297	37.6
Greensboro City (part)	224,189	75.0
Hickory City (part)	32	0.1
Kernersville Town (part)	82	0.3
King City (part)	6,606	91.8
Rhodhiss Town (part)	358	35.9
Rutherford College Town (part)	0	0.0
Seven Devils Town (part)	275	87.9
Stony Point CDP (part)	986	86.0
Summerfield Town (part)	8,442	77.1
Tobaccoville Village (part)	0	0.0
<hr/>		
District 05 Totals	415,262	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

	Population	%
Archdale City (part)	130	1.1
Clemmons Village (part)	13,930	65.8
Concord City (part)	47,474	45.1
Greensboro City (part)	63,407	21.2
Jamestown Town (part)	7	0.2
Kannapolis City (part)	52,324	98.5
Thomasville City (part)	26,662	98.1
Walkertown Town (part)	1,081	19.0
Winston-Salem City (part)	33,949	13.6
District 06 Totals	488,512	
Barker Ten Mile CDP (part)	129	13.8
Fayetteville City (part)	79,356	38.1
Lumberton City (part)	454	2.4
Spivey's Corner CDP (part)	254	44.1
Surf City Town (part)	3,533	91.4
Wallace Town (part)	0	0.0
District 07 Totals	428,183	
Barker Ten Mile CDP (part)	808	86.2
Charlotte City (part)	63,098	7.2
Concord City (part)	57,766	54.9
Kannapolis City (part)	790	1.5
Lumberton City (part)	18,571	97.6
Matthews Town (part)	25,816	87.7
Mint Hill Town (part)	22,547	85.2
District 08 Totals	482,574	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

	Population	%
Archdale City (part)	11,777	98.9
Candor Town (part)	0	0.0
Cary Town (part)	3,271	1.9
Fayetteville City (part)	129,145	61.9
Greensboro City (part)	11,439	3.8
High Point City (part)	126	0.1
Mebane City (part)	14,626	82.2
Red Springs Town (part)	0	0.0
Summerfield Town (part)	2,509	22.9
Thomasville City (part)	521	1.9
District 09 Totals	434,873	
Clemmons Village (part)	7,233	34.2
Davidson Town (part)	378	2.5
Germanton CDP (part)	493	62.4
Kernersville Town (part)	0	0.0
King City (part)	591	8.2
Long View Town (part)	4,353	85.6
Stony Point CDP (part)	160	14.0
Walkertown Town (part)	4,611	81.0
Winston-Salem City (part)	215,596	86.4
District 10 Totals	471,358	
Beech Mountain Town (part)	62	9.2
Columbus Town (part)	0	0.0
Seven Devils Town (part)	38	12.1
District 11 Totals	285,599	

Communities of Interest (Landscape, 11x8.5)

NC CD SL 2023-145

	Population	%
Charlotte City (part)	709,319	81.1
Matthews Town (part)	3,619	12.3
Mint Hill Town (part)	3,903	14.8
Pineville Town (part)	2,700	25.5
District 12 Totals	719,541	
Cary Town (part)	3,777	2.2
Fuquay-Varina Town (part)	21,759	63.7
Garner Town (part)	3,901	12.5
Holly Springs Town (part)	6,049	14.7
Kenly Town (part)	1,293	86.7
Oxford City (part)	143	1.7
Raleigh City (part)	1,532	0.3
Rolesville Town (part)	3,974	41.9
Rougemont CDP (part)	169	16.9
Wake Forest Town (part)	14,978	31.5
Wendell Town (part)	28	0.3
Zebulon Town (part)	2,235	32.4
District 13 Totals	243,136	
Charlotte City (part)	102,162	11.7
Davidson Town (part)	14,728	97.5
Hickory City (part)	79	0.2
Long View Town (part)	735	14.5
Pineville Town (part)	7,902	74.5
Rhodhiss Town (part)	639	64.1
Spencer Mountain Town	0	0.0
District 14 Totals	471,753	

Summary Statistics

Number of City/Town not split	723
Number of City/Town split	53
Number of City/Town split in 2	47
Number of City/Town split in 3	5
Number of City/Town split in 4	1
Total number of splits	113

Appendix D

NC County's BVAP and %

**North Carolina Counties
Black Voting Age Population and %**

Name	BVAP	BVAP%
Alamance NC	27,878	20.81%
Alexander NC	1,816	6.20%
Alleghany NC	122	1.36%
Anson NC	8,079	45.27%
Ashe NC	171	0.78%
Avery NC	718	4.75%
Beaufort NC	8,283	23.01%
Bertie NC	9,001	60.43%
Bladen NC	7,894	33.70%
Brunswick NC	9,916	8.50%
Buncombe NC	13,666	6.22%
Burke NC	4,485	6.41%
Cabarrus NC	33,110	19.76%
Caldwell NC	3,506	5.44%
Camden NC	935	11.86%
Carteret NC	3,036	5.40%
Caswell NC	5,964	32.07%
Catawba NC	11,181	8.83%
Chatham NC	6,941	11.42%
Cherokee NC	404	1.68%
Chowan NC	3,569	32.11%
Clay NC	80	0.87%
Cleveland NC	16,017	20.53%
Columbus NC	12,073	29.95%
Craven NC	16,661	20.88%
Cumberland NC	103,168	40.54%
Currituck NC	1,279	5.81%
Dare NC	705	2.32%
Davidson NC	13,115	9.92%
Davie NC	2,163	6.40%
Duplin NC	9,428	25.45%
Durham NC	92,051	35.46%
Edgecombe NC	21,540	56.40%
Forsyth NC	77,426	26.04%
Franklin NC	13,059	24.57%
Gaston NC	31,549	17.74%
Gates NC	2,622	31.43%
Graham NC	81	1.27%
Granville NC	15,407	31.97%
Greene NC	6,175	37.28%
Guilford NC	146,078	34.47%
Halifax NC	20,135	51.66%
Harnett NC	21,657	22.08%
Haywood NC	758	1.48%
Henderson NC	3,161	3.35%

**North Carolina Counties
Black Voting Age Population and %**

Name	BVAP	BVAP%
Hertford NC	10,111	57.32%
Hoke NC	13,473	35.95%
Hyde NC	1,073	28.35%
Iredell NC	17,388	12.09%
Jackson NC	1,057	2.95%
Johnston NC	26,787	16.73%
Jones NC	2,229	29.80%
Lee NC	8,878	18.35%
Lenoir NC	17,369	40.47%
Lincoln NC	3,975	5.81%
Macon NC	355	1.17%
Madison NC	295	1.69%
Martin NC	7,218	40.98%
McDowell NC	1,654	4.62%
Mecklenburg NC	265,577	30.88%
Mitchell NC	87	0.71%
Montgomery NC	3,475	17.22%
Moore NC	9,011	11.52%
Nash NC	29,361	39.37%
New Hanover NC	23,247	12.63%
Northampton NC	7,937	55.23%
Onslow NC	24,134	15.33%
Orange NC	14,231	11.91%
Pamlico NC	1,896	18.10%
Pasquotank NC	11,738	36.72%
Pender NC	6,583	14.12%
Perquimans NC	2,288	21.60%
Person NC	8,086	26.12%
Pitt NC	47,241	35.71%
Polk NC	651	4.02%
Randolph NC	7,493	6.67%
Richmond NC	10,143	30.52%
Robeson NC	21,416	24.21%
Rockingham NC	14,158	19.45%
Rowan NC	18,628	16.20%
Rutherford NC	5,109	9.94%
Sampson NC	11,568	25.74%
Scotland NC	10,379	38.66%
Stanly NC	5,810	11.79%
Stokes NC	1,553	4.31%
Surry NC	2,322	4.11%
Swain NC	147	1.34%
Transylvania NC	979	3.59%
Tyrrell NC	787	30.58%
Union NC	21,542	12.39%

**North Carolina Counties
Black Voting Age Population and %**

Name	BVAP	BVAP%
Vance NC	16,430	49.98%
Wake NC	169,734	19.73%
Warren NC	7,537	49.29%
Washington NC	4,241	47.92%
Watauga NC	2,378	5.10%
Wayne NC	28,806	31.83%
Wilkes NC	2,394	4.55%
Wilson NC	23,897	39.14%
Yadkin NC	984	3.34%
Yancey NC	149	0.99%

Source: U.S. Census Bureau 2020 Census Data -
Maptitude County Layer

Appendix E

Anthony E Fairfax Updated Resume

Anthony “Tony” Fairfax

16 Castle Haven Road, Hampton, Virginia 23666

Office Telephone: (757) 838-3881

Email: fairfax@censuschannel.com

Experience Highlights:

- Demographic, Geographic & Voter Data Analysis
- Multiple GIS Software/Census Data Skillsets
- Redistricting Plan Development & Analysis
- Gingles I & Racial Gerrymandering Analysis
- Redistricting Expert Reports & Testimony
- Redistricting Presentations & Training
- ESRI ArcGIS Map Applications & Dashboards
- Maptitude for Redistricting Proficiency

Education:

Master of Geospatial Information Science and Technology (2016)
North Carolina State University, Raleigh, North Carolina

Graduate Certificate in Geographic Information Systems (2016)
North Carolina State University, Raleigh, North Carolina

Bachelor of Science Degree in Electrical Engineering (1982)
Virginia Tech, Blacksburg, Virginia

Work Experience:

CensusChannel LLC, Hampton, VA (2009 - Present)

CEO & Principal Consultant - Providing overall project management and operations as well as primary consulting services for clients. Also responsible for customer acquisition and support. Core tasks include GIS-centered services centering on redistricting support (extensive use and analysis of traditional redistricting principles); demographic/socioeconomic, geographic, and voting data; GIS, Census Data, and Redistricting training; GIS data processing/conversion; expert redistricting plan development, analysis, depositions, testimony, and training. Major clientele and projects include:

- **NAACP, Baltimore, MD (2025 - Present)** - Providing redistricting consulting services centered on analyzing multiple states' mid-decade congressional redistricting efforts by the major parties.
- **City of Anderson, IN (2024 - 2025)** – Provided advice, consultation, and redistricting plan development services as redistricting consultant to the city. Efforts centered on developing new redistricting plan options for the city. The city ultimately approved the final plan that was developed.
- **Southern Poverty Law Center (SPLC), Montgomery, AL (2023 - 2024)** - Providing redistricting training for SPLC participants covering a wide range of subjects from basic traditional redistricting criteria to *Gingles 1* preconditions to Maptitude for Redistricting application.
- **Southern Coalition for Social Justice [SCSJ], Durham, NC (2023 - Present)** - Providing expert reports and/or deposition for redistricting court cases in Georgia, North Carolina, and Texas.
- **Davies & Rouco, LLP, Birmingham, AL (2023 – Present)** - Providing expert reports, analysis, illustrative plans, and testimony on Jefferson County commissioner's redistricting court case.
- **Wisconsin Department of Justice, Madison, WI (2023 – 2024)** – Provided expert report, analysis, and remedial plan for Wisconsin's State Assembly and Senate District plans.

- **NAACP Legal Defense Fund (LDF), New York, NY (2022 – Present)** – Providing expert reports, analysis, illustrative and remedial plans, depositions, and testimony for two Louisiana congressional redistricting court cases.
- **The ACLU, New York, NY (2022 – Present)** – Providing expert report, analysis, and illustrative plans for state senate redistricting court case in the state of Alabama.
- **Southern Echo, Jackson, MS (2018 - Present)** – Providing ongoing map-related educational and voting-related products pertaining to the state of Mississippi. Previously provided redistricting training sessions to Southern Echo partners throughout the south. Also provided GIS data, maps, and training to Southern Echo, community leaders, stakeholders, and subsequently in the field to groups working in the following states: Alabama, Arkansas, Georgia, Florida, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, and Texas. Specifically, deliverables include map-centered projects centering on education, GOTV, and redistricting.
- **Town of Cheverly, MD (2022 – 2024)** – Provided advice, consultation, and redistricting plan development services as redistricting consultant to the town. Efforts centered on developing new redistricting plan options for the town.
- **U.S. Department of Justice, Washington DC (2022 – 2023)** – Provided expert report, illustrative plan, deposition, and testimony for Galveston County, TX redistricting court case.
- **City of Baltimore, MD Office of Council President (2022 - 2023)** – Provided advice, consultation, and redistricting plan development services as redistricting consultant to the city’s Office of Council President. Efforts center on the alternative development of redistricting plans for the city.
- **Harvard Election Law Clinic (2022 - 2023)** – Provided expert report for Jacksonville, FL, city council and Duval County, FL, school board racial gerrymandering redistricting court case.
- **My Brother’s Keeper Alliance, Chicago, IL (2022)** – Provided demographic and socioeconomic analysis of select neighborhood communities.
- **The ACLU, New York, NY (2021 – 2023)** – Provided expert report, analysis, illustrative plans, depositions, and testimony for redistricting court cases in the states of Arkansas and California.
- **The Power Coalition for Equity and Justice, New Orleans, LA (2021 - 2022)** - Provided technical advice and input for building an equitable redistricting process in Louisiana for communities, legislators, and organizations. Providing analysis and plan alternatives for the Louisiana state legislative House and Senate districts where Black voters could elect a candidate of choice.
- **Crescent City Media Group, New Orleans, LA (2021)** – Provided redistricting training to the PreRedistricting Lab. Training centered on various educational presentations and hands-on sessions for community leaders and local/state legislators.
- **Bondurant, Mixson & Elmore LLP, Atlanta, GA (2021)** – Provided statewide redistricting plan development for Georgia congressional districts. Tasks included being part of a three-member map-drawing team that developed the proposed plan for the Georgia House and Senate Democratic caucus.
- **NAACP Legal Defense Fund (LDF), New York, NY (2020 – 2022)** - Provided redistricting development and analysis of various district configurations for city, county, and state-level plans.
- **Crowd Academy [an SCSJ-sponsored effort], Durham, NC (2020 - 2021)** - Provided redistricting training and support. Training centered on presentations on “How the Lines are Drawn,” which focuses on pre-plan development and plan development activities of redistricting. The target attendees included individuals in Georgia, North Carolina, South Carolina, Tennessee, and Texas. The effort also includes providing mentorship to Academy Fellows and Academy Mentors.

- **City of Everett, WA, Everett, WA (2020)** – Provided advice, consultation, and mapping services as Districting Master to the city of Everett, WA’s Districting Commission. Efforts centered on the development of the city’s first districting plan. Also assisted with answering questions at public forums and developed an ArcGIS web map application for public access to all plans.
- **NAACP, Baltimore, MD (2018 - 2022)** – Provided GIS consulting services via the NAACP (as fiscal agent) to the *Racial Equity Anchor Collaborative* (consisting of the Advancement Project, APIA Health Forum, Demos, Faith in Action, NAACP, National Urban League, NCAI, Race Forward, and Unidos U.S.). Efforts include developing the Racial Equity 2020 Census Data Hub. The Data Hub used ESRI’s Hub Cloud platform, which centralized web maps, mapping applications, and dashboards, enabling collaborative partners to locate hard-to-count areas by major race or ethnicity.
- **Campaign Legal Center, Washington, DC (2018 –2021)** – Developed illustrative redistricting plans, associated expert reports, depositions, and testimony in the *Holloway v City of Virginia Beach* court case. The Illustrative plans included two majority Hispanic, Black, and Asian combined districts to provide evidence of the first prong of *Gingles* for the city of Virginia Beach.
- **Southern Coalition for Social Justice [SCSJ], Durham, NC (2015 - 2018)** - Provided several expert reports, depositions, and testimony for multiple redistricting court cases in North Carolina. Testimony, depositions, and reports included numerous plans at the congressional, state Senate, state House, and local jurisdiction levels. Analyses covered specific district characteristics, including population deviation, political subdivision splits, partisan performance, and incumbent effect analysis.
- **The Rehab Crew, Durham, NC (2017)** - Provided geospatial & demographic analysis as well as website development and the creation of a proprietary application for the use of targeting real estate investment properties.
- **Congressman G.K. Butterfield, NC (2016 & 2021)** - Developed several congressional district plan alternatives for the State of North Carolina. Provided analyses on alternative district configurations.
- **Alabama Democratic Conference (ADC), Montgomery, AL (2015 - 2016)** - Developed state Senate and House redistricting plans for the state of Alabama in response to the *ADC v Alabama* court case. Also, a series of thematic maps depicting areas added from the previous plan to the enacted plan was provided, showing concentrations of African American voters added to the enacted plan.
- **Net Communications, Tallahassee, FL (2014 - 2015)** - Generated offline mapping and online web services (ArcGIS.com) of the client’s energy company’s resources and organizational assets. Mapping included the energy company’s demographic, socioeconomic, and other resources.
- **National NAACP Office of General Counsel, Baltimore, MD (2012 - 2013)** - Provided project management and developmental support for the creation of a final report for the NAACP National Redistricting Project. Provided planning, organizing, supplemental writing, and interfacing with graphics entity for the complete development of the final report.
- **Congressional Black Caucus Institute (CBC Institute), Washington, DC (2011 - 2012)** - Provided contract duties as the Project Director and Consulting Demographer for the CBC Institute’s Redistricting Project. Provided project management, redistricting plan development, review, analysis, advice, and answers to various questions pertaining to redistricting plans, principles, and processes. The focus included districts where Black voters could elect a candidate of their choice.
- **Mississippi NAACP, Jackson, MS (2011)** - Developed state Senate plans and analyzed enacted plans that the State Court developed.
- **African American Redistricting Collaborative (AARC) of California, Los Angeles, CA (2011)** - Provided demographic and redistricting contracted services. Responsible for developing

congressional, state Senate, and state assembly plans for the collaborative. Special focus was given to the southern Los Angeles area (SOLA) and the Bay Area region. In addition to plan development, several socioeconomic maps were developed to show various communities of interest commonalities.

Also, developed a demographic profile using maps and reports of California's congressional, state Senate, and state Assembly districts for the purpose of preparing for the redistricting plan development process by identifying areas of growth throughout the state. The profiles included data from the American Community Survey (ACS) 2005-2009 and the 2010 Census.

- **The Advancement Project, Washington, DC (2011)** - Provided redistricting plan development services and training. Included was the development of a base map for a new seven (7) district plan in New Orleans that was further developed by community groups in Louisiana. The second effort included training a staff person in the use of Maptitude for Redistricting and in various redistricting scenarios.
- **Louisiana Legislative Black Caucus (LLBC), Baton Rouge, LA (2011)** - Provided redistricting plan development services. Responsibilities included supporting Caucus members' efforts to develop redistricting plans for the state House, state Senate, and Congress. Developed or analyzed over eighty different redistricting plans. The effort also included testifying before the Louisiana Senate Governmental Affairs Committee.
- **Community Policy Research & Training Institute (One Voice), Jackson, MS (2011)** - Developed the Mississippi State Senate plan, along with appropriate reports and a large-scale map.
- **National Black Caucus of State Legislators (NBCSL), Washington, DC (2010)** - Provided services as the Project Director for a 2010 census outreach effort. Developed proposal and managed personnel to generate and execute a strategy to utilize Black state Senate and House legislators to place targeted posters in select hard-to-count (HTC) areas throughout the country.
- **Duke University's Center for REGSS & SCSJ, Durham, NC (2010 - 2011)** - Contracted to serve as one of two Project Coordinators to support an expert preparation workshop hosted by Duke University's REGSS and the SCSJ.

Project Coordinator duties included developing, managing, and providing hands-on training for the Political Cartographer's side of a week-long intensive "redistricting expert" preparation workshop. The workshop trained 18 political cartographers from across the country on all aspects of redistricting plan development and the principles underlying it. Also, two hands-on redistricting scenarios were created to train large audiences on the plan development process.

Democracy South, Virginia Beach, VA (2004 - 2008)

Senior Technical Consultant - Provided technical, GIS mapping, data analysis, and management support for several projects and civic engagement-related efforts. Significant project efforts included:

- Senior Technical Consultant for the National Unregistered Voter Map. Developed a web-based interactive map that allowed visitors to view state/county-level information pertaining to the number of unregistered voters (2009)
- Co-Director of the Hampton Roads Missing Voter Project (a nonpartisan nonprofit voter engagement effort to increase voter participation with a focus on underrepresented population groups). The effort covered the seven major independent cities in Hampton Roads. Responsibilities included co-managing the overall civic engagement effort and were solely responsible for integrating and processing Catalist voter data into targeting maps and walk lists for all focus areas. Directly Responsible for overseeing the operations in Hampton, Newport News, Portsmouth, and Suffolk, Virginia (2008)

- Senior Technical Consultant for Civic Engagement Efforts. Provided telephone technical voter database support to 17 USAction state partners in 2004; and 12 USAction state partners in 2006. Trained client on VBASE voter data software; Performed voter data conversion; and voter targeting assistance.

Congressional Black Caucus Institute, Redistricting Project, Washington, DC (2001 - 2003)

Consulting Demographer - Provided services that included the development, review, and analysis of over 75 congressional district plans. Responsible for all setup and configuration of hardware and GIS software, and performed all development and analyses of redistricting plans. Congressional district plans were developed for 22 states. Also, performed as a redistricting expert advisor in a consolidated U.S. District Court Voting Rights case in Alabama.

National Voter Fund, Washington, DC (2000)

GIS Consultant (in a consulting partnership of Hagens & Fairfax) - Developed hundreds of precinct targeting maps for a civic engagement effort designed to increase the turnout in the November 2000 election. Efforts included geocoding voter data, integrating census data, and precinct mapping.

Norfolk State University, Poli. Science & Computer Science Dept., Norfolk, Virginia (1996 - 2001)

Adjunct Faculty - Provided instruction to students for BASIC Programming, Introduction to Computer Science, and Computer Literacy courses.

GeoTek. Inc. (formally GIS Associates), Virginia Beach, VA (1992 - 1995)

Consultant and Co-owner - Provided geodemographic research and analysis; client technical & training support; hardware/software system installation; and redistricting manual/ brochure development. Major clients and tasks included:

- New York City Housing Authority - Redistricting Training
- Maryland State Office of Planning - Redistricting Tech Support
- City of Virginia Beach, VA Planning Dept. - Redistricting Training/Tech Support
- City of Norfolk, VA Registrar - Redistricting Training/Tech Support
- City of Chesapeake, VA Registrar - Precinct Realignment

Norfolk State University, Political Science Dept., Norfolk, Virginia (1991 - 1999)

GIS Consultant - Provided a variety of geographic and demographically related tasks. Major Redistricting-related tasks included:

- Installed and operated the LogiSYS ReapS software that was used to perform the bulk of redistricting plans. Performed the intricate ReapS processing of the U.S. Census Bureau Topographically Integrated Geographic Encoded Referencing (TIGER) line files, Public Law 94-171 (PL94-171) demographic data, and the STF socioeconomic data series.
- Developed over 200 redistricting plans, located in over 60 jurisdictions, in the states of Florida, Louisiana, North Carolina, Texas, and Virginia. Developed plans from city/county to legislative to congressional district.
- Traveled to and trained several university faculty personnel on setting up and utilizing the ReapS redistricting system. Also, trained on redistricting plan development principles.

Major GIS-related tasks included:

- Performed a study commissioned by the U.S. Department of Transportation to analyze the ethnic differences in commuting behavior. This study extensively used the Summary Tape File 3A (STF3A) and the Public Use Microdata Sample (PUMS) to identify, map, and report the frequency and average travel time to and from work for Miami, FL MSA; Kansas City, MO-KS MSA; and Detroit, MI MSA.
- Performed a study funded by the City of Norfolk, VA, and NSU School of Business that determined and analyzed the trade area of a section located in Norfolk, VA. Major duties included geocoding customer addresses, producing address-point maps, and developing demographic reports for the project.
- Performed a study commissioned by the U.S. Department of Housing and Urban Development (HUD) to revitalize a neighborhood located in Norfolk, VA. The purpose of the GIS component was to first establish a socioeconomic baseline, then track the progress of the revitalized area, as well as select surrounding areas. Geocoded address locations, generated points, and demographic thematic maps, and produced reports of the target areas.
- Provided demographic analysis of proposed newly incorporated areas in Florida for local Florida civic organizations.

Cooperative Hampton Roads Org. for Minorities in Engineering, Norfolk, VA (1991 - 1992)

Computer Consultant - Designed and developed a menu-driven student database, used to track hundreds of minority Junior High and High School students who were interested in pursuing science or engineering degrees.

Norfolk State University, School of Education, Norfolk, VA (1990 - 1991)

Technical Consultant/Computer Lab Manager- Provided a variety of support, including hardware and software installation, faculty workshops, course instruction, Network Administrator, and technical support.

Engineering and Economics Research (EER) Systems (1989)

Technical Consultant - Coordinated and participated in writing, editing, and formatting technical test documents; played a central role in the development of the Acceptance Test Procedures for the initial phase of a multi-million dollar Combat Maneuver Training Complex (CMTC) in Hohenfels, Germany; and was responsible for the final review and editing of all test documentation.

Executive Training Center (ETC). Newport News, VA (1988 - 1989)

Vice President & Co-founder - Managed over 11 part-time and full-time employees; assisted in developing and implementing company policies; performed the duties of the Network Administrator for a Novell-based computer training network; and taught several courses by substituting for instructors when necessary.

Engineering & Economics Research (EER) Systems. Newport News, VA (1986 - 1987)

Hardware Design Engineer and Electronics Engineer - Provided engineering and select project management support for the development of the following million/multi-million dollar project efforts:

- Baseline Cost Estimate (BCE) to be used in the procurement of the Combat Maneuver Training Complex - Instrumentation System (CMTC-IS)
- Operational and Maintenance (O&M) Support Plan at the National Training Center (NTC)
- Quality Assurance Surveillance Plan for the O&M Support Plan at the NTC; Configuration Management Plan for CMTC

- Requirements Operational Capabilities (ROC) Analysis for an instrumentation System at the U.S. Army Ranger School, Georgia
- ROC Analysis for an Instrumentation System at Fort Chaffee, Arkansas
- Suggested Statement of Work for the Digital Data Entry Device (DDED); and the Concept Formulation Package and Requirements Definition to Support Interface and Integration of Red Flag at the NTC
- Phase II of a multi-million dollar GIS-based concept test demonstration. Performing as Assistant Test Director (ATD) - liaison between the Government Director Army Ranges and Targets (DART) personnel and EER Systems' personnel; and assumed the role of Test Director when required (1987)
- Suggested Statement of Work (SOW) for a \$1 million procurement of Multivehicle Player Units (MVPUs) at the NTC. Performed as Project Task Manager for a team of engineers, computer programmers, and technical support personnel in the development of a position location player unit for the Army (1986)

Teledyne Hastings-Raydist, Hampton, VA (1982 - 1986)

Hardware Design Engineer - Designed and developed custom flow and vacuum measuring products; Project Manager for the production and completion of a \$.25 million flow measuring system; Electrical Engineer - Chiefly responsible for developing special products for customers.

Major Litigation Clients & Testimony Related Efforts:

Southern Coalition for Social Justice [SCSJ], Durham, NC (2023 - Present)

Provided expert report and illustrative plan for *Berger v. North Carolina State Conference of the NAACP* vote dilution case. Included expert report and deposition. Also provided an expert report and an illustrative plan for *Finn v. Cobb County Board of Elections*, a racial gerrymandering school board redistricting court case in Cobb County, Georgia. Developed supporting maps and population tables reflecting shifts in racial population from the prior plan to the adopted plan.

Davies & Rouco, LLP, Birmingham, AL (2023 – Present)

Developed expert report, illustrative plans, and provided deposition and testimony for Jefferson County's *Addoh-Kondi et al v. Jefferson County Commission* racial gerrymander redistricting court case. Developed supporting maps and population tables reflecting shifts in racial population from the prior plan to the adopted plan.

Wisconsin Department of Justice, Madison, WI (2023 – 2024) – Provided expert report, analysis, and remedial plan for *Clarke v. Wisconsin Elections Commission (WEC)* violation of the Wisconsin Constitution's contiguity requirement redistricting court case. The effort included Wisconsin's State Assembly and Senate District Plans.

NAACP Legal Defense Fund (LDF), New York, NY (2022 – Present)

Developed illustrative and remedial plans, expert reports, and provided deposition and testimony for Louisiana's *Ardoin v. Robinson* congressional redistricting vote dilution court case.

The ACLU, New York, NY (2022 – Present)

Developed expert report, analysis, and illustrative plans, and provided deposition and testimony for the *Alabama NAACP v. Allen* vote dilution state senate redistricting court case in the state of Alabama.

Election Law Clinic at Harvard Law School, Cambridge, MA (2022 - 2023)

Developed a declaration for the *Jacksonville Branch of the NAACP v. City of Jacksonville* racial gerrymandering redistricting court case. The declaration centered on "Core Retention" analysis tables

presenting the demographic change in population of Duval County, FL, school board districts from the previously approved plan to the recently enacted plan. Also, the same case the prior year involved developing an expert report that contained a series of thematic and demographic maps and table analyses for Jacksonville, FL City Council districts, providing evidence of racial gerrymandering.

ACLU of Southern California, Los Angeles, CA (2022 – 2023)

Developed an illustrative redistricting plan and associated expert report for the *Inland Empire United et al v. Riverside County et al* redistricting court case. The Illustrative plan included a second additional majority Latino district as opposed to the county's plan of one.

U.S. Department of Justice, Washington DC (2022 – 2023)

Developed an illustrative redistricting plan and associated expert report for the *Petteway et al v Galveston County* redistricting court case. The Illustrative plan included the "Least Change" approach to bring the plan within acceptable deviation. The plan continued to contain a majority Black and Latino district as opposed to the state's plan. The plan, report, and deposition provided evidence of the first prong in *Gingles*.

Southern Coalition for Social Justice (SCSJ), Durham, NC (2022 – Present).

Developed an expert report that included opinions on the state's expert report in the *LULAC et al v. Abbott* Texas state legislative redistricting court case. The report responded to any conclusions by the State's expert regarding minority vote dilution, specifically concerning the Fair Maps proposed plans.

NAACP LDF, New York, New York, NY (2022 - Present)

Developed an illustrative redistricting plan and associated expert report for the *Robinson v. Ardoin* redistricting court case. The Illustrative plan included a second, majority-Black district, unlike the state's plan. The plan, report, and testimony provided evidence of the first prong of *Gingles*, proving dilution of Black voting strength in violation of Section 2 of the Voting Rights Act (VRA). The effort included plan development, expert report, rebuttal report, and testimony.

ACLU, New York, New York, NY (2021 – 2024)

Developed an illustrative redistricting plan and associated expert report for the *Arkansas State Conference NAACP v. Arkansas Board of Apportionment* preliminary injunction case. The Illustrative plan included five additional majority-Black districts, as opposed to the Board of Apportionment plan. The plan, report, and testimony provided evidence of the first prong in *Gingles* in proving dilution of Black voting strength in violation of Section 2 of the Voting Rights Act (VRA). The effort included plan development, expert report, rebuttal report, and testimony.

Campaign Legal Center, Washington, DC (2018 – 2020)

Developed multiple illustrative redistricting plans and associated expert reports for *Latasha Holloway v City of Virginia Beach* court case. The Illustrative Plans included two majority Hispanic, Black, and Asian combined (Coalition) districts to provide evidence of the first prong in *Gingles* in the section 2 court case. The effort included an additional rebuttal, supplemental report, deposition, and testimony.

Virginia NAACP, Richmond, VA (2018)

Developed a statewide remedial plan for *Bethune-Hill v. Virginia State Bd. of Elections*. The plan corrected 11 unconstitutional, racially gerrymandered state House districts in the Richmond, Peninsula, and Southside Hampton Roads areas.

Southern Coalition for Social Justice (SCSJ), Durham, NC (2018)

Developed a demonstrative remedial redistricting plan and associated expert report, as well as provided a deposition for *North Carolina State Conference of NAACP Branches v. Lewis* Wake County Superior Court case. The demonstrative remedial plan corrected the two Wake County, N.C. House Districts declared by a federal court to be racially gerrymandered districts (HD33 & HD38). The expert report not only discussed my results but also offered the Court insight into how a map drawer would reasonably go about fixing

racially gerrymandered districts while still complying with the state constitution's prohibition on mid-decade redistricting.

Texas NAACP, San Antonio, TX, (2017)

Provided expert report, deposition, and testimony for the *Perez v. Abbott* US Federal District Court Case. Analyses focused on specific redistricting criteria, including population deviation, compactness, political subdivision splits, and communities of interest for congressional and House plans. Additional analysis was performed on demographic projections for certain congressional and State House districts.

Southern Coalition for Social Justice (SCSJ), Durham, NC (2015 - 2016)

Provided expert testimony, deposition, and expert report for the *City of Greensboro v The Guilford County Board of Elections* U.S. District Court Case. Deposition and report included several district plans for the city council of Greensboro, NC, and analyzed specific characteristics, including population deviation, political subdivision splits, partisan performance, and incumbent effect analysis.

Provided expert testimony and report for the *Covington v. North Carolina* federal redistricting court case. The testimony included an analysis from *Dickson v Rucho* (also *NAACP v North Carolina*) of compactness on state legislative House and Senate districts.

Provided expert testimony and report for the *Wright v. North Carolina* federal redistricting court case. The testimony and report included an analysis of population deviation, compactness, partisan impact, and incumbent residences for county commission and school board plans.

Alabama Democratic Conference (ADC), Montgomery, AL (2015 - 2016)

Developed Senate and House redistricting plans for the state of Alabama for the *ADC v. Alabama* court case. Provided deposition on the creation of the plan. Also, a series of thematic maps was generated, depicting areas added from the previous benchmark plan to the enacted plan and showing concentrations of African American voters added to the enacted plan.

Southern Coalition for Social Justice (SCSJ), Durham, NC (2014)

Provided expert testimony, report, and deposition for the federal redistricting court case, *Perez v. Perry* of Texas. The report included an analysis of population extrapolations and projections for several submitted plans for select congressional and House districts.

North Carolina NAACP, Raleigh, NC (2012)

Provided expert opinions and analysis in an affidavit for the *NC NAACP v. State of North Carolina* federal redistricting case (later *Dickson v Rucho*). The affidavit included an examination of compactness measurements for the Congressional, State Senate, and State House "Benchmark" plans, several approved plans, and several legislative-submitted plans. The report also contained county splits for the target districts.

Southern Coalition for Social Justice (SCSJ), Durham, NC (2011)

Provided expert opinions and analysis in an affidavit for the *Moore v. State of Tennessee* redistricting case. The affidavit included an analysis of county splits comparing State Senate "Benchmark" plans, the approved plan, and several legislative submitted plans.

Texas NAACP, San Antonio, TX (2011)

Provided expert report, deposition, and testimony for the federal redistricting court case *Perez v. Perry*. Testimony covered the evaluation of traditional redistricting criteria of the Congressional and House-approved plans compared to several proposed or legislative submitted plans.

Louisiana Legislative Black Caucus, Baton Rouge, LA (2011)

Provided expert testimony in front of the Senate and Governmental Affairs Committee. Testimony included the analysis of two redistricting plans comparing ideal population deviation, political subdivision splits (Parishes), and compactness ratios. Also, developed a redistricting plan and testified in front of the House Governmental Affairs Committee in support of a new majority-minority (African American) congressional district in Louisiana.

Morrison & Foerster LLP, Los Angeles, CA (2004)

Provided expert report on several state Senate plans for the *Metts v. Murphy* Rhode Island court case. The report contained analyses of communities of interest areas that were not included in the state's enacted plan for the only majority-minority district.

Congressional Black Caucus Institute, Redistricting Project, Washington, DC (2002)

Performed as the redistricting mapping expert for Congressman Hilliard in a consolidated U.S. District redistricting court case in Alabama (*Montiel v. Davis* and *Barnett v. Alabama*). Developed the submitted plan and provided advice to legal counsel for the court case.

Council of Black Elected Democrats (COBED) New York State, New York, NY (2002)

Performed as one of the redistricting experts (*Allen v. Pataki/Rodriguez v. Pataki*) by developing several New York State congressional district plans that COBED presented.

Miami-Dade, Florida (1993)

Provided expert technical redistricting support as one-half of the Expert Master's Team for the remedial Plan (*Meek v. Metropolitan Dade County*). Developed over 50 commissioner district plans for the county as well as the final adopted Plan for the metro Dade County.

NAACP Legal Defense and Educational Fund (LDEF), New York, NY (1993)

Provided expert technical support for the *Shaw v. Reno* Supreme Court case (via Norfolk State University). Analyzed and compared various compactness ratios for congressional districts throughout the U.S. The results were compared to the 12th congressional district of North Carolina. Also, developed several alternative congressional district plans.

Major GIS/Demographic/Redistricting Training and Presentations:

Southern Echo (2021)

Presented multiple training sessions (11 planned) on various aspects of redistricting. Included both presentations and, ultimately, hands-on (Dave's Redistricting)

Crowd Academy (2020 – 2021)

Presented multiple Training sessions (>25) that center on "How the lines are Drawn," which focuses on the plan development activities of redistricting.

Crescent City Media Group (2021)

Presented ten three-hour-long training sessions on various aspects of redistricting. Included both presentations and hands-on (Maptitude for Redistricting)

NAACP LDF/MALDEF Expert Convening (2021)

Provided multiple sessions to potential future experts on expert report development, giving depositions, and providing testimony.

SIF Voting Rights Convening (2021)

Presented on a panel, the unique aspects and issues pertaining to the 2020 round of redistricting.

SIF Voting Rights Convening (2020)

Presented on a panel where various preparatory aspects and questions that should be addressed prior to the development of plans.

Delta Days in the Nation's Capital, Washington, DC (2020)

Provided a panel presentation on suggested efforts in preparation for the next round of redistricting. Plenary presentation to several hundred Delta Sigma Theta (DST) sorority sisters throughout the country.

William and Mary, Williamsburg, VA (2019)

Presented a lecture to the GIS and Districting course students, centering on improving as well as potential adverse trade-offs from improvements of the adopted redistricting plan chosen by the special masters of the *Bethune-Hill v. Virginia State Bd. of Elections* redistricting case.

Southern Echo, Jackson, Mississippi (2019)

Provided detailed training/presentation (3 hours) on various aspects of redistricting. Topics included: Relevant redistricting court cases, traditional redistricting criteria, and redistricting data.

William and Mary, Williamsburg, VA (2018)

Presented a lecture to the GIS and Districting course students, centering on aspects of the *Bethune-Hill v. Virginia State Bd. of Elections* redistricting case. The discussion focused on how to develop a plan to correct the 11 unconstitutional, racially gerrymandered House districts in those states.

Congressional Black Caucus Institute, Washington, DC (2016)

Presented at the annual legislative conference in Tunica, MS. Presented the election demographic analysis for the 2016 presidential and Senate elections. The panel also included Congressman Cedrick Richmond (L.A.), Congressman Sanford Bishop (G.A.), and Professor Spencer Overton.

Coalition of Black Trade Unionists (CBTU), Chicago, IL (2015)

Presented at the annual CBTU conference on the election panel that included Congressman Al Green (TX) and Congressman Bobby Rush (I.L.).

Nobel Women's Initiative, Washington, DC (2015)

Presented on a panel at the annual conference in San Diego, CA, on the upcoming 2020 census.

Tennessee NAACP, Nashville, TN (2011)

Provided redistricting training session on the mapping and demographic aspects of Redistricting.

Congressional Black Caucus Institute, Washington, DC (2002 - 2012, 2014)

Presented "The Demographics of Campaigns" twelve times at the institute's annual political campaign "Boot Camp." The presentation covers how to locate and utilize demographic data for political campaigns.

Congressional Black Caucus Foundation (CBCF), Washington, DC (2011)

Presented as one of the panelists at the "Judge A. Leon Higginbotham" Braintrust at the CBC Annual Legislative Conference. The panel was moderated by Congressman Mel Watt.

The Advancement Project, Washington, DC (2011)

Trained staff GIS person on Maptitude for Redistricting as well as on redistricting scenarios.

National Association for the Advancement of Colored People, Baltimore, MD (2011)

Provided training session on "Redistricting Mapping Overview" at the organization's national redistricting training seminar for state and local chapters.

Major GIS/Demographic/Redistricting Training and Presentations (cont.):

Congressional Black Caucus Institute, Washington, DC (2010)

Presented at the annual CBC Institute conference in Tunica, MS (The panel included Congressman John Lewis and Congressman Jim Clyburn). Outlined two critical issues that would surface in the 2010 round of redistricting: 1) Prison-based Gerrymander, and 2) The use of Citizen Voting Age Population (CVAP).

Community Census and Redistricting Institute (CCRI), Durham, NC (2010)

Developed, managed, and provided hands-on training for the Political Cartographer's side of a week-long intensive "redistricting expert" preparation workshop. The workshop trained 18 political cartographers on all aspects of plan development.

North Carolina University's Center for Civil Rights, Chapel Hill, NC (2010)

Provided a presentation on "Redistricting Laws & GIS" at the *Unfinished Work* conference. The presentation outlined the evolution of major redistricting laws and GIS and their impact on minority representation.

NAACP Legal Defense Fund AIRLIE Conference, AIRLIE, VA (2010)

Provided training using hands-on "paper" redistricting scenarios to voting rights advocates on developing a plan without the use of computers.

Young Elected Officials, Los Angeles, CA (2010)

Provided training using hands-on "paper" redistricting scenarios to young legislators on developing a plan without the use of computers.

Young Elected Officials, Alexandria, VA (2010)

Provided overview training on the significant aspects of redistricting to young legislators.

North Carolina University's Center for Civil Rights, Chapel Hill, NC (2006)

Provided a presentation on "Congressional Elections Won by African Americans Race & Ethnicity District Perspective (1960 - 2004)" at the *Who Draws the Lines? The Consequences of Redistricting Reform for Minority Voters* conference.

Howard University - Continuing Education - HBCU GIS Workshop, Washington, DC (2002)

Provided a presentation on redistricting and the use of Maptitude for Redistricting to faculty members of Historically Black Colleges and Universities (HBCUs).

Norfolk State University Redistricting Project Training Workshops (1991 - 1998)

Provided redistricting training to the following:

- Alabama State University, Montgomery, Alabama
- Albany State University, Albany, Georgia
- Florida A & M, Tallahassee, Florida
- National Conference of Black Political Scientists, Atlanta, Georgia Conference
- Norfolk State University, Norfolk, Virginia
- North Carolina A & T State University, Greensboro, North Carolina
- North Carolina Central University, Durham, North Carolina
- Southern University, Baton Rouge, Louisiana
- Williams College, Williamstown, Massachusetts

Major GIS/Redistricting/Voter Data Software Experience:

- ArcGIS - GIS Software - Primary GIS Software after 2012 ([ESRI](#))
- ArcGIS Online – Including Story Maps & Web Application Builder ([ArcGIS.com](#))
- GRASS GIS – Open-Source GIS ([OSGeo](#))
- Maptitude for Redistricting - Primary Redistricting software, since 2001 ([Caliper](#))
- ESRI Redistricting Online - Beta Tester ([ESRI](#))
- Public Mapping Project – Initial Advisory Board Member ([an open-source online software](#))
- ReapS Redistricting and Reapportionment System - Redistricting software, 1990s ([LogiSYS](#))
- Voter Activation Network System [NPGVAN](#)
- Voterlistonline.com Aristotle software [Aristotle](#)

GIS Skillset/Coding Languages:

- | | | |
|-----------------------|------------------------|--------------|
| • Geocoding Data | • Suitability Analysis | • Python |
| • Linear Referencing | • Image Classification | • PostgreSQL |
| • Digital Cardinality | • ArcGIS Web Services | |
| • Spatial Statistics | • pdAdmin | |

ESRI Training Certificates:

- Learning ArcGIS Desktop (for ArcGIS 10) - 24 hrs. training
- Turning Data into Information Using ArcGIS 10 - 18 hrs. training
- Basics of Raster Data (for ArcGIS 10) - 3 hrs.. training
- Using Raster Data for Site Selection (for ArcGIS 10) - 3 hrs. training
- Working with Geodatabase Domains and Subtypes in ArcGIS - 3 hrs. training
- Network Analysis Using ArcGIS - 3 hrs. training.

Publications:

Books

- *An Introduction to the Presidential Trend*, Statistical Press, March 2015
- *The Presidential Trend*, Statistical Press, December 2013
- *A Step-by-Step Guide to Using Census 2000 Data*, MediaChannel LLC, March 2004. Also included was a companion CD-ROM (sold through various Census-related workshops and training sessions and used in a political science course).

Manuals

- *A Beginner's Guide to Using Census 2000 Data*, November 2002 (Co-authored- developed for the U.S. Census Bureau's Census Information Centers)

Articles

- "Precision Voter Targeting: GIS Maps Out a Strategy," Geo Info Systems, November 1996 (Co-authored one of the first articles published on using modern-day GIS for voter targeting).